A0485-4

SALARIES OF ENGINEERS IN EDUCATION

1982

ENGINEERING MANPOWER COMMISSION

A Commission of the Engineering Affairs Council
of the
American Association of Engineering Societies, Inc.

345 East 47th Street
New York, New York 10017

AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.

The American Association of Engineering Societies (AAES) is a national federation of 43 organizations representing nearly one million engineers.

As a central coordinating organization, AAES focuses the resources of the engineering societies on technological issues of national and international importance.

1982 OFFICERS

Irvan F. Mendenhall
Chairman

Robert M. Saunders
Chairman-Elect

Nicholas J. Radell
Secretary/Treasurer

H. Arthur Nedom
Past-Chairman

Eugene Zwoyer
President

ENGINEERING AFFAIRS COUNCIL

The Engineering Affairs Council is responsible for matters concerned with the practice of engineering in the public interest. The Council encourages voluntary exchanges of information, coordination of goals and joint action.

1982 OFFICERS

James F. Shivler, Jr.
Chairman

William E. Carew
Vice-Chairman

Donald G. Weinert
Secretary/Treasurer

THE ENGINEERING MANPOWER COMMISSION
of the
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.

The Engineering Manpower Commission was organized in 1950 to serve as a focus for national technological manpower issues.

The Commission's program is carried out through the collection, analysis, and publication of significant data on engineering manpower, as well as the development of programs and policies designed to acquaint the public with the importance of engineering to the national welfare.

The Engineering Manpower Commission is charged with the following responsibility:

> *"To engage in studies and analyses of the supply, demand, and utilization of engineering and technical manpower; to make recommendations, conduct programs and develop reports concerning these aspects of engineering and technical manpower; and to carry on such other programs in the field of manpower as may be authorized by the Engineering Affairs Council of AAES."*

1982
EMC OFFICERS

Paul Doigan
Chairman

Luke H. Noggle
Chairman, Surveys Committee

Dorothy Morris
Vice-Chairman

Paul B. Wood
Vice-Chairman

Kenneth Foster
Chairman, Salary Survey

MANPOWER ACTIVITIES STAFF

Patrick J. Sheridan
Director

Judith A. McCormick
Manager

Carolyn J. Heydt
Manpower Statistician

Joyce A. Kostrinsky
Staff Assistant

ACKNOWLEDGEMENTS

This survey was conducted, and the text prepared and edited by Judith A. McCormick, with the assistance of Carolyn J. Heydt, under the supervision of Patrick J. Sheridan. Overall direction for this survey was supplied by the Surveys Committee of EMC, chaired by Luke Noggle, and the Salary Survey Sub-committee of EMC, chaired by Kenneth Foster.

The computer program employed in processing the salary data was written by Richard C. Fremon, formerly of Bell Telephone Laboratories, and Immediate Past-chairman of the Engineering Manpower Commission.

We are especially grateful to the many salary administrators who provided the basic salary data on which the report is based. It is apparent that without their cooperation our annual salary surveys would not exist.

NOTE TO READERS

Special breakdowns of the data by degree level, supervisory status, industry group, state or region are available. The costs of these special summaries vary according to specific requirements. If you are interested, or would like further information, please call the Manpower Activities staff at (212) 705 - 7846.

Raw data tables and matrix tables for any of the curves in this report may be purchased at $5.00 per table.

EMC reports salary data as furnished by the survey respondents and tries to ensure that respondents represent a "typical" cross-section of their employer group. However, users should note that data reported in some year brackets may be based on relatively small samples, and, therefore, should be used with caution.

The Engineering Manpower Commission is always interested in improving its survey coverage. If you would like to add your organization to our list of participants, please write to the Engineering Manpower Commission at 345 East 47th Street, New York, New York, 10017. We welcome your comments regarding this report and your suggestions for improving future surveys and reports.

TABLE OF CONTENTS

Introduction 1
1982/1981 Changes 5
Distribution of Salaries Reported 7
Median Salary by Rank, Type of Institution and Months on Contract 8
Mean Salary by Rank, Type of Institution and Months on Contract 9

Salaries of Engineers Employed by Engineering and Technology Schools 11
- Professors, 9-10 Month Contracts 13
- Professors, 11-12 Month Contracts 14
- Associate Professors, 9-10 Month Contracts 15
- Associate Professors, 11-12 Month Contracts 16
- Assistant Professors, 9-10 Month Contracts 17
- Assistant Professors, 11-12 Month Contracts 18
- Instructors, 9-10 Month Contracts 19
- Instructors, 11-12 Month Contracts 20
- Researchers, 9-10 Month Contracts 21
- Researchers, 11-12 Month Contracts 22
- Administrators, 9-10 Month Contracts 23
- Administrators, 11-12 Month Contracts 24

Salaries of Engineers Employed by Engineering Schools 25
- Professors, 9-10 Month Contracts 27
- Professors, 11-12 Month Contracts 29
- Associate Professors, 9-10 Month Contracts 30
- Associate Professors, 11-12 Month Contracts 32
- Assistant Professors, 9-10 Month Contracts 33
- Assistant Professors, 11-12 Month Contracts 35
- Instructors, 9-10 Month Contracts 36
- Researchers, 9-10 Month Contracts 38
- Researchers, 11-12 Month Contracts 39
- Administrators, 9-10 Month Contracts 40
- Administrators, 11-12 Month Contracts 41

Salaries of Engineers Employed by Technology Schools 43
- Professors, 9-10 Month Contracts 45
- Associate Professors, 9-10 Month Contracts 46
- Assistant Professors, 9-10 Month Contracts 47
- Instructors, 9-10 Month Contracts 48
- Administrators, 11-12 Month Contracts 49

Appendix 51

SALARIES OF ENGINEERS IN EDUCATION

Introduction

This survey is the sixteenth published to provide basic salary information on engineering graduates in the United States. Salaries are analyzed on the basis of experience, defined as the number of years since obtaining a baccalaureate degree. As in previous surveys, separate breakdowns of information were established for each of six academic ranks, two contract periods, and three types of institutions -- engineering schools that offer Ph.D. programs, those without Ph.D. programs, and technical schools with technology programs only.

Following past practice, data are presented in graphic and tabular form to show upper and lower decile, upper and lower quartile, median, and mean salaries by years since baccalaureate degree.

It should be noted that salaries include base salary and regular allowances, but not payment for extra teaching outside the normal academic contract, consultation fees, nor other professional nor personal income.

The purpose of this report is to show the present level of engineers' salaries. Although this and previous surveys may not be exactly comparable because of changes in the reported groups, the size of the total sample and the consistency with which schools have participated throughout the survey series lead us to believe that changes in the composition of the survey group have not materially altered reported salaries.

In publishing these results EMC is attempting only to show what prevailing salaries are, and not what they ought to be. We recognize that salaries paid to individuals are, in the final analysis, affected by their specific duties and their effectiveness in performing them. These factors can be resolved only by the engineer and his employer. Therefore, EMC does not undertake to evaluate individual salary situations, nor to advise employers on the salaries they should pay for specific positions.

History of the Survey

Throughout its history, the Engineers Joint Council, and now the American Association of Engineering Societies, has conducted studies related to the economic status of engineers. In 1949, EJC published The Engineering Profession in Transition. Studies were made on starting salaries of engineering graduates by fields of employment in 1949 and 1950.

A specialized study made by EJC on behalf of the Department of Defense was published by the Bureau of Labor statistics in 1952 under the title, Employment, Education and Income of Engineers 1949-50 -- A Survey of Engineering Society Members of Full Professional Grade.

Realizing the lack of comprehensive data on engineering income, EJC decided in 1953 to undertake a series of studies in this area. The first report of the "Professional Income of Engineers" series was completed by EJC in 1953; the second was issued in 1956. Initially, the interval between surveys was three years. However, responding to requests for more frequent updating of the information, it was decided that surveys should be conducted biennally. In 1957, the EJC survey activities were assigned to the Engineering Manpower Commission. EMC has conducted surveys and published salary reports since 1958. The most recent advance in the history of the engineers' salary survey came in 1980 when, in response to many requests from survey users, it was decided to conduct the survey on an annual basis. The 1982 report is the result of the second annual survey.

Coverage and Response

In all, the salaries of approximately 17,000 engineers in education were reported in the 1981 survey. The enthusiastic response from employers of engineers makes the Engineering Manpower Commission's salary survey the most comprehensive in the United States.

Survey Methodology and Timing

Questionnaires were mailed in February of 1982 to a list of all accredited engineering schools, all accredited technology schools, and many non-accredited technology schools. One follow-up mailing to non-respondents was made. Replies were accepted through early May.

Salary figures were reported by employers on a form designed to obtain information on earnings of all employed graduate engineers (please see facsimile questionnaire at the end of this report). Survey participants were asked to submit salary information based on baccalaureate year wherever possible. Some organizations, however, were only able to supply data on the basis of age. In such cases, age 22 was considered the equivalent year of "0-years since B.S.," or 1981 bachelor's degree graduation. All returns were carefully edited before keypunching, and checks were made throughout the data processing to ensure accuracy of the results. Because there are always a few individuals whose degree and salary patterns differ from the norm, inclusion of their data in the report may occasionally produce an atypical curve, particularly in the instances of small samples.

Technical Note on Computer Program

The computer program used for this survey is designed to calculate the median, quartile and decile points in the array of salaries reported in a given "years of experience" column. Since these points fall within a salary bracket which covers a dollar range, the computer interpolates the point within the bracket, to the nearest $50, by assuming essentially a straight-line distribution within the salary extremes. For example, if the median engineer turned out to be the 20th in the $17,000-18,000 bracket, and there were 100 salaries reported in this bracket, the median point would be 20/100 of the range covered, or $200, and the computed median salary would be $17,200.

The fractiles are first produced as "raw" data. In general, we have found that curves plotted on the basis of raw data contain may irregularities that result more from inherent limitations of the methodology than from significant changes in compensation practices. Therefore, the data presented in this report are based on four-parameter smooth curves calculated by a least-squares method. Each curve has the form

$$y = ax^z + bx + c$$

with y equal to the reciprocal of the salary and x equal to (43 minus years from first degree) raised to the power Z. The computer program determines the values of the parameters a, b, c, and z that give the minimum sum of the squares of the differences between the raw and smooth values of y. In the summation, the differences squared are weighted by the populations associated with each of the data points. Since each curve (median, quartile, etc.) is computed independently, it is possible for occasional anomalies to be found, such as curves apparently crossing or assistant professors apparently receiving higher salaries than full professors. These are usually due to inherent limitations in the smoothing routine, and should not be viewed as having any real significance. No statistics are computed where there are fewer than five salaries in a given year column.

Method of Presentation

Curves and tables for this report are grouped under various categories, starting with the broadest possible, "Engineering and Technology Schools." This, in turn, is broken down into the various levels and contract periods. The section on salaries paid by engineering schools separates those that grant Ph.D.'s from those that do not. A separate section on salaries paid by technology schools is also broken down by academic rank and contract period.

Below each set of curves are printed the data points on which they are based. The data tables also include mean salaries (which are not plotted) and the number of salaries within each column. Users should always note these figures to be sure that

the age distribution of their own employees is consistent with the group described by the curves. Data points have been omitted where there were fewer than five salaries in a column. The data tables also list the number of salaries above $63,000 or below $16,000, which were the limits established by the questionnaire form. The plotted curves and data tables are terminated where they go beyond these limits.

1982/1981 Changes

The median salary paid to all engineers in education increased 9.7% from the 1981 figure of $27,850 to the 1982 average of $30,550. These rates include salaries paid on 9-10 month contracts and on 11-12 month contracts. Excluding those on 9-10 month contracts, the median salary paid to all engineers in education was $34,550, up 10.4% from the 1981 median of $31,300. It should be noted that only 19% of the reported salaries were on 11-12 month contracts.

The 1982 median salary of engineers employed by engineering schools was $31,200. Those on 9-10 month contracts received median salaries of $30,750, and engineers on 11-12 month contracts received a median of $35,500 per year. Naturally, salaries of engineers in academia vary greatly between ranks. The median salary of a professor in an engineering school on a 9-10 month contract increased by 9.5%, from $33,600 in 1981 to $36,800 in 1982. Those on 11-12 month contracts increased 17.8%. In 1982, professors in engineering colleges, with all contracts combined, earned a median salary of $37,000 and a mean of $37,850.

Median salaries for associate professors in engineering schools on 9-10 month contracts rose from $26,100 in 1981 to $28,600 in 1982, an increase of 9.6%. The 1982 median salary on 11-12 month contracts rose 19.3%, to a figure of $38,350. The 1982 mean salary for all contracts was $29,250, while the median was $28,750.

Assistant professors on 9-10 month contracts experienced increases in their median salary of 12.1%, raising the 1981 figure of $22,250 to $24,950 for 1982. Those on 11-12 month contracts received increases of 17.2%, making the 1982 median salary $33,400. The 1982 median for all contracts was $25,150 and the mean was $25,500.

Median salaries of instructors on 9-10 month contracts increased by 9.2% from 1981 to 1982. Also experiencing median salary increases were researchers on 9-10 month contracts, whose median salaries rose by 10.1%. The median salary of researchers on 11-12 month contracts increased by $2,400, or 10.6%. The 1982 median salary for all instructors at engineering schools was $20,200. The median salary of administrators on 11-12 month contracts at engineering schools that offer Ph.D. programs increased 10.2% from 1981 to 1982, while salaries paid to administrators in engineering colleges that did not offer Ph.D. programs increased by 5.0%. Overall, administrators at engineering colleges on 11-12 month contracts received a median increase of 5.6%, raising the median salary of $43,300 in 1981 to $46,300 in 1982.

In the interest of consistency, the following definitions are used in the EMC salary surveys:

1) Salary. Base salary paid by employers before deductions, and allowances including cost-of-living-differential, if any. Unpredictable payments, such as consultation fees, are not included.

2) Chart Data.

   a) Median. The point in any array of data above and below which half of the series is located.

   b) Quartile.

      Upper Quartile: The point in any array of data above which one-quarter of the series is located and below which three-quarters of the series is located.

      Lower Quartile: The point in any array of data above which three-quarters of the series is located and below which one-quarter of the series is located.

   c) Decile.

      Upper Decile. The point in any array of data above which one-tenth of the series is located and below which nine-tenths of the series is located.

      Lower Decile. The point in any array of data above which nine-tenths of the series is located and below which one-tenth of the series is located.

   d) Mean. Sum of data in array divided by the number of points.

3) Engineers. Those holding a minimum of a bachelor's degree in a recognized field of engineering.

4) Years of Experience. The number of years since the baccalaureate degree was awarded. This places the different degree levels on an approximately equal footing, because those engineers with advanced degrees start out with salaries substantially higher, but are, of course, older. In 1982, an engineer with 0-years of experience is equivalent to one who has received his bachelor's degree in 1981 or the first quarter of 1982.

DISTRIBUTION OF SALARIES REPORTED

NUMBER OF SALARIES REPORTED, BY TYPE OF INSTITUTION, RANK AND MONTHS ON CONTRACT

	ALL ENGINEERING SCHOOLS	
	9-10 Mo. Contract	11-12 Mo. Contract
Professor	5,770	217
Assoc. Prof.	3,379	151
Ass't. Prof.	2,444	158
Instructor	513	55
Researcher	88	1,346
Administrator	219	983

	Ph.D. ENGINEERING SCHOOLS	
	9-10 Mo. Contract	11-12 Mo. Contract
Professor	4,933	199
Assoc. Prof.	2,730	144
Ass't. Prof.	1,986	149
Instructor	317	54
Researcher	87	1,323
Administrator	191	739

	NON-Ph.D. ENGINEERING SCHOOLS	
	9-10 Mo. Contract	11-12 Mo. Contract
Professor	837	18
Assoc. Prof.	649	7
Ass't. Prof.	458	9
Instructor	196	1
Researcher	1	23
Administrator	28	244

	TECHNOLOGY SCHOOLS	
	9-10 Mo. Contract	11-12 Mo. Contract
Professor	289	128
Assoc. Prof.	361	45
Ass't. Prof.	341	33
Instructor	318	64
Researcher	1	2
Administrator	43	129

SALARIES OF ENGINEERS IN EDUCATION, 1982

MEDIAN SALARY BY RANK, TYPE OF INSTITUTION, AND MONTHS ON CONTRACT

	Engineering School Ph.D. Granting 9-10 Mo.	Engineering School Non-Ph.D. Granting 9-10 Mo.	Technology School 9-10 Mo.
Professor	$37,400	$33,400	$30,450
Assoc. Prof.	29,100	26,700	25,300
Ass't. Prof.	25,300	22,850	22,150
Instructor	18,750	20,550	20,950
Researcher	25,250	NA	NA
Administrator	43,500	34,500	29,150
	11-12 Mo.	**11-12 Mo.**	**11-12 Mo.**
Professor	$47,700	$36,000	$29,350
Assoc. Prof.	38,750	32,250	30,250
Ass't. Prof.	33,700	26,500	23,750
Instructor	29,000	NA	21,400
Researcher	24,900	27,500	NA
Administrator	49,500	41,750	35,200

Note: These figures are medians of all salaries reported in the 1982 EMC salary survey. In some cases the data above are based on a very small number of salaries reported. See the next page for a similar table of mean salaries.

NA = Not Available; sample size too small.

SALARIES OF ENGINEERS IN EDUCATION, 1982

MEAN SALARY BY RANK, TYPE OF INSTITUTION, AND MONTHS ON CONTRACT

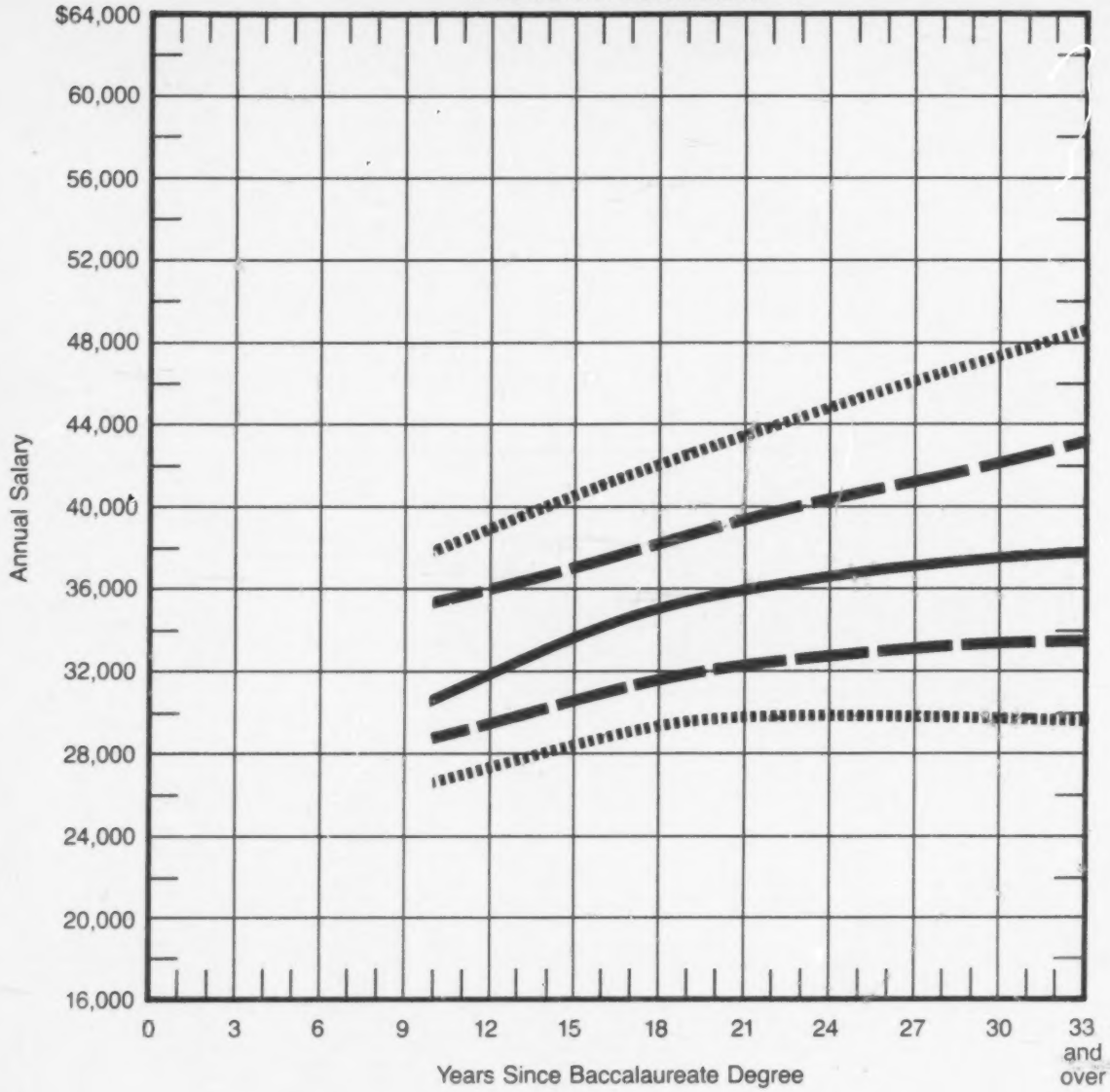
	Engineering School Ph.D. Granting 9-10 Mo.	Engineering School Non-Ph.D. Granting 9-10 Mo.	Technology School 9-10 Mo.
Professor	$38,250	$33,300	$30,850
Assoc. Prof.	29,350	26,650	25,450
Ass't. Prof.	25,400	23,250	23,250
Instructor	20,150	21,350	21,700
Researcher	26,000	NA	NA
Administrator	43,550	34,050	30,600
	11-12 Mo.	**11-12 Mo.**	**11-12 Mo.**
Professor	$47,550	$35,200	$31,750
Assoc. Prof.	39,050	32,050	29,300
Ass't. Prof.	33,850	26,300	24,100
Instructor	29,150	NA	20,850
Researcher	26,700	28,000	NA
Administrator	49,350	41,200	35,150

Note: These figures are means of all salaries reported in the 1982 EMC salary survey. In some cases the data above are based on a very small number of salaries reported. See the preceding page for a similar table of median salaries.

NA = Not Available; sample size too small.

ENGINEERS EMPLOYED BY ENGINEERING AND TECHNOLOGY SCHOOLS

PROFESSORS, ALL SCHOOLS
9-10 MONTH CONTRACTS



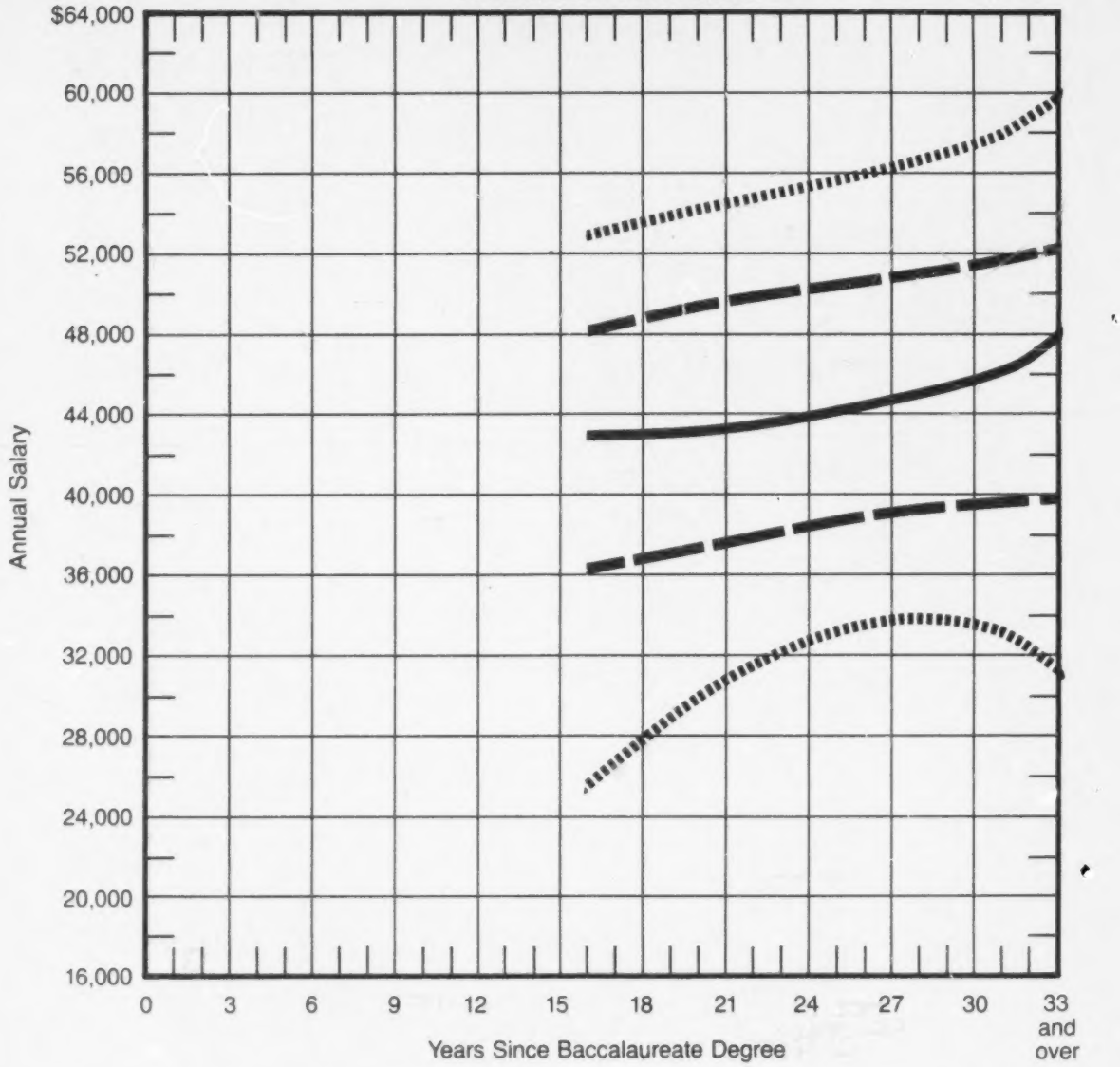
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	C	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	3	1	2	1	1	2	3
OVER $63000	0	C	0	0	0	0	0	0	0
UNDER $16000	0	0	C	0	1	1	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	37850	39500	41050	42550	43950	45200	46300	47550	48850
UPPER QUARTILE	35150	36350	37500	38600	39650	40550	41350	42250	43150
MEDIAN	30400	32500	34100	35300	36150	36750	37150	37450	37600
LOWER QUARTILE	28750	29900	30900	31700	32350	32750	33000	33100	32900
LOWER DECILE	26550	27750	28650	29250	29650	29800	29850	29800	29600
MEAN	31400	33050	34450	35600	36500	37200	37700	38150	38500
TOTAL NUMBER	10	87	363	631	828	848	768	951	1558
OVER $63000	0	C	0	0	1	1	2	2	4
UNDER $16000	1	C	0	0	0	0	0	0	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

PROFESSORS, ALL SCHOOLS
11-12 MONTH CONTRACTS



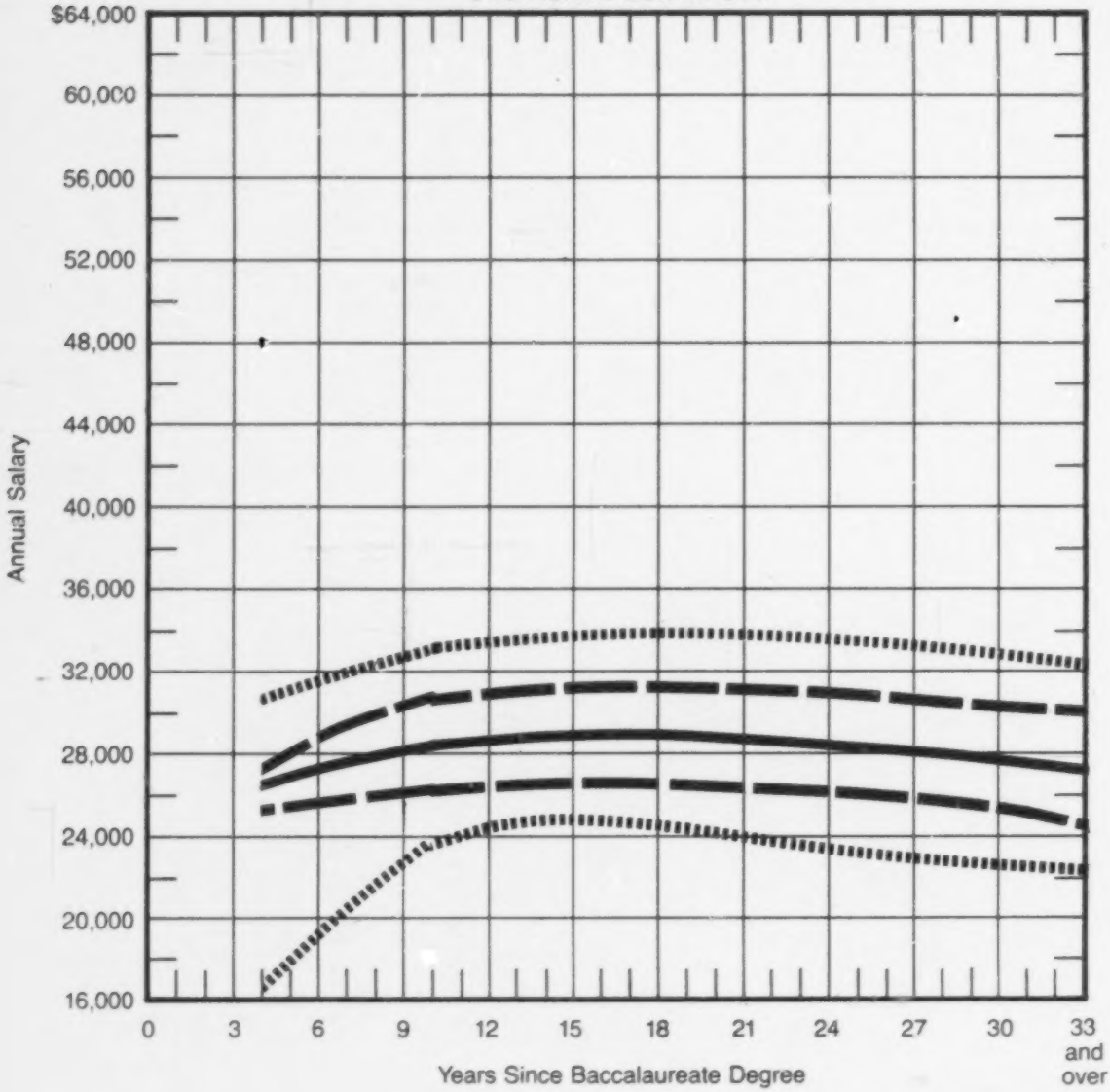
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	C	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	C	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	1	1	1	0	2	2	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	C	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	C	C	52950	53800	54700	55600	56500	57750	60050
UPPER QUARTILE	0	0	48250	49100	49850	50550	51100	51700	52200
MEDIAN	0	C	43050	43150	43550	44200	44950	46150	47950
LOWER QUARTILE	0	C	36300	37250	38050	38750	39300	39800	39950
LOWER DECILE	0	C	25350	28700	31500	33250	33850	33250	30500
MEAN	0	0	41800	42800	43700	44450	45100	45750	46300
TOTAL NUMBER	3	3	15	37	36	36	32	40	56
OVER $63000	0	C	0	0	0	1	2	0	4
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSOCIATE PROFESSORS, ALL SCHOOLS
9-10 MONTH CONTRACTS



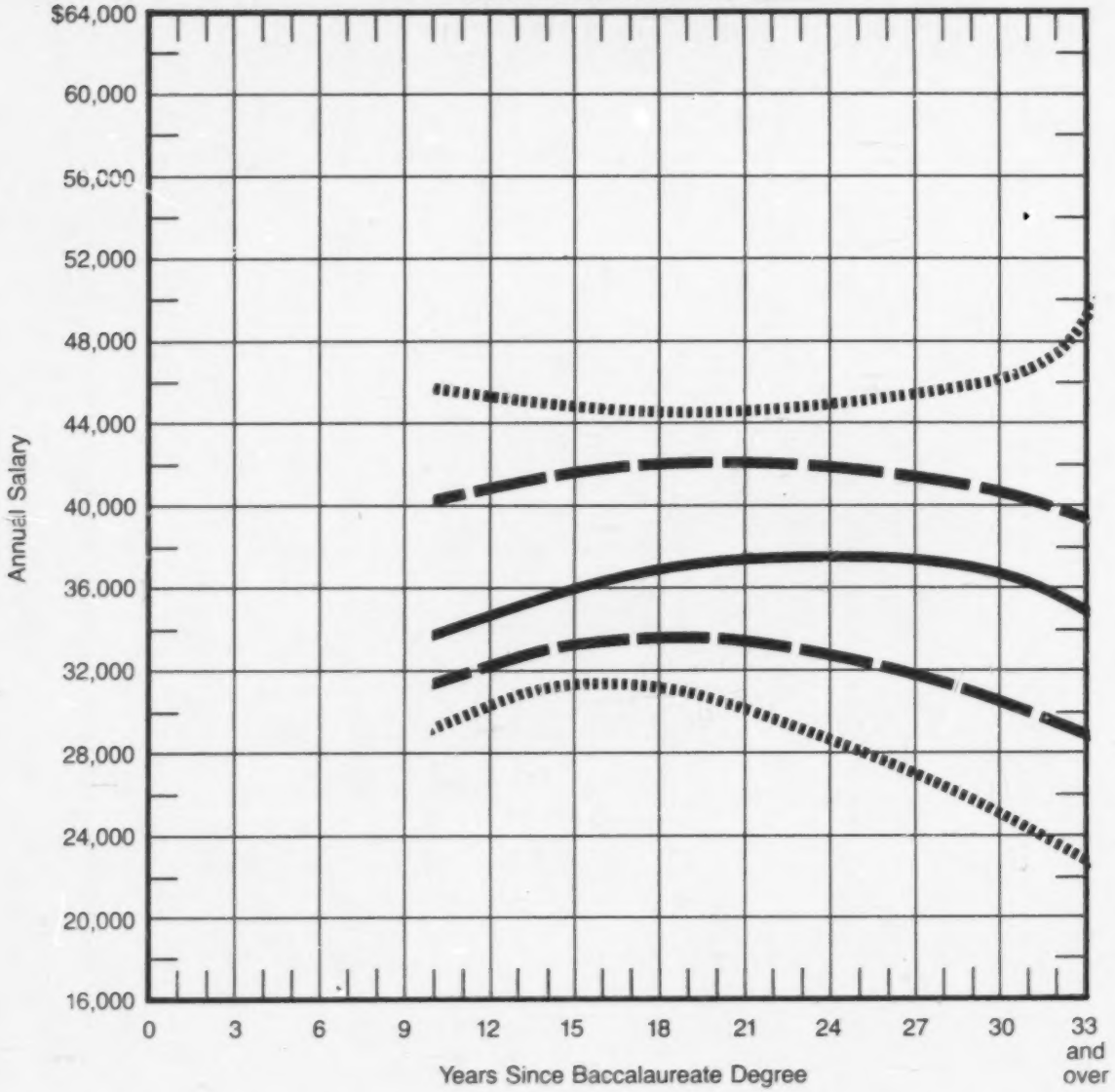
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	30450	31000	31450	31900	32300
UPPER QUARTILE	0	0	0	0	27200	27950	28600	29200	29700
MEDIAN	0	0	0	0	26600	27000	27300	27600	27850
LOWER QUARTILE	0	0	0	0	24800	25100	25400	25650	25850
LOWER DECILE	0	0	0	0	16500	17450	19350	20650	21750
MEAN	0	0	0	0	25650	26250	26750	27250	27650
TOTAL NUMBER	0	1	1	2	6	9	7	18	35
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	1	1	1	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	32950	33550	33800	33800	33650	33400	33100	32750	32350
UPPER QUARTILE	30450	31100	31300	31200	31000	30700	30450	30200	30000
MEDIAN	28300	28650	28750	28700	28500	28250	28000	27650	27300
LOWER QUARTILE	26200	26500	26600	26550	26350	26050	25700	25200	24550
LOWER DECILE	23450	24700	24800	24400	23800	23300	22950	22700	22550
MEAN	28300	28850	29050	29950	28750	28450	28100	27750	27450
TOTAL NUMBER	260	518	630	557	448	331	261	268	388
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	0	0	0	0	0	0	1	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ASSOCIATE PROFESSORS, ALL SCHOOLS
11-12 MONTH CONTRACTS



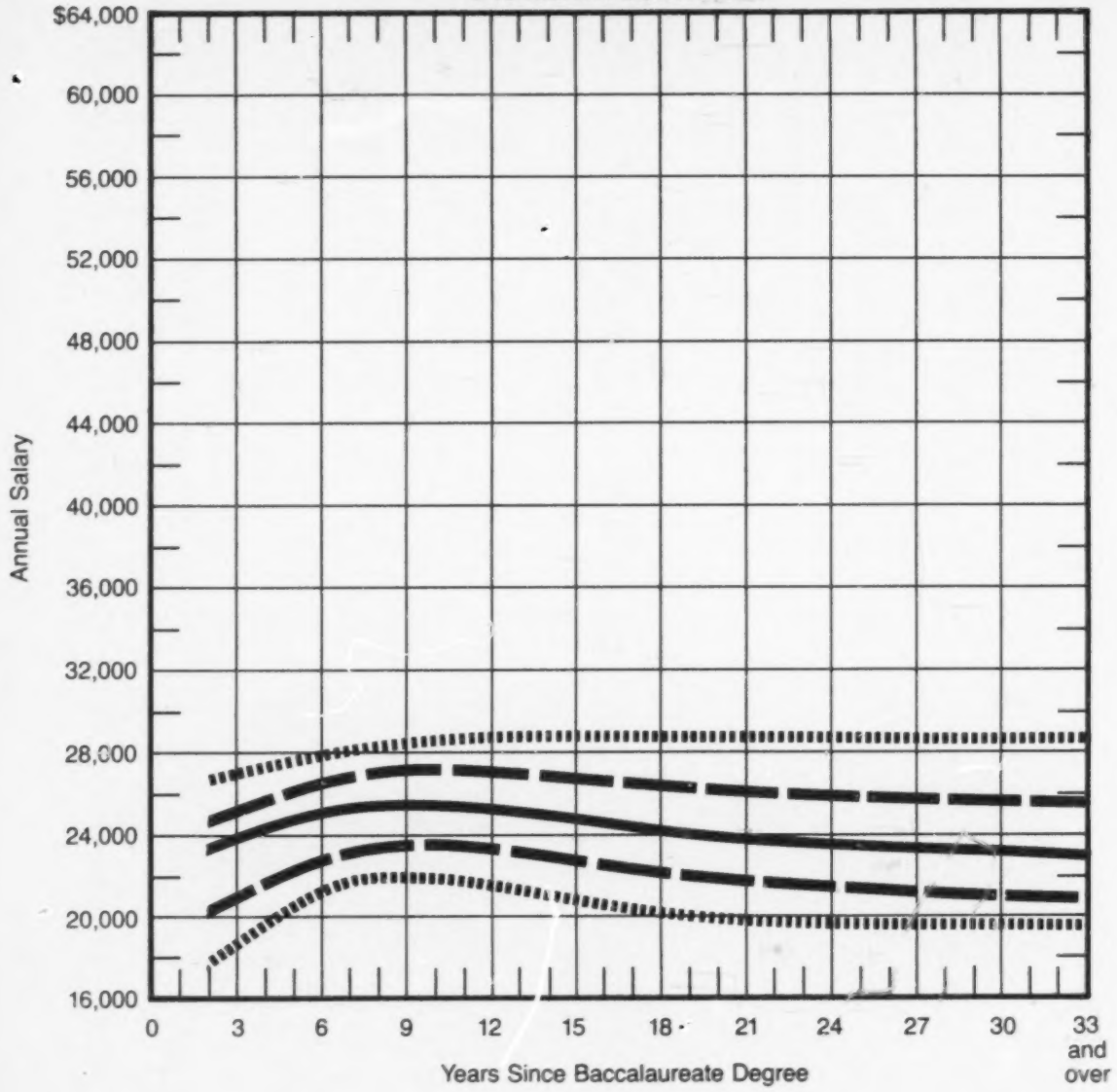
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	0	0	0	1	0	0	2
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	45600	44950	44550	44350	44400	44700	45250	46350	49650
UPPER QUARTILE	40200	41150	41750	42000	41950	41650	41150	40350	39000
MEDIAN	33800	35200	36350	37050	37450	37450	37150	36350	34500
LOWER QUARTILE	31150	32750	33550	33600	33100	32350	31400	30200	28750
LOWER DECILE	28900	30850	31450	30900	29600	27950	26300	24350	22300
MEAN	35400	36600	37300	37500	37350	36950	36400	35700	34750
TOTAL NUMBER	22	24	42	34	22	15	10	10	12
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSISTANT PROFESSORS, ALL SCHOOLS
9-10 MONTH CONTRACTS



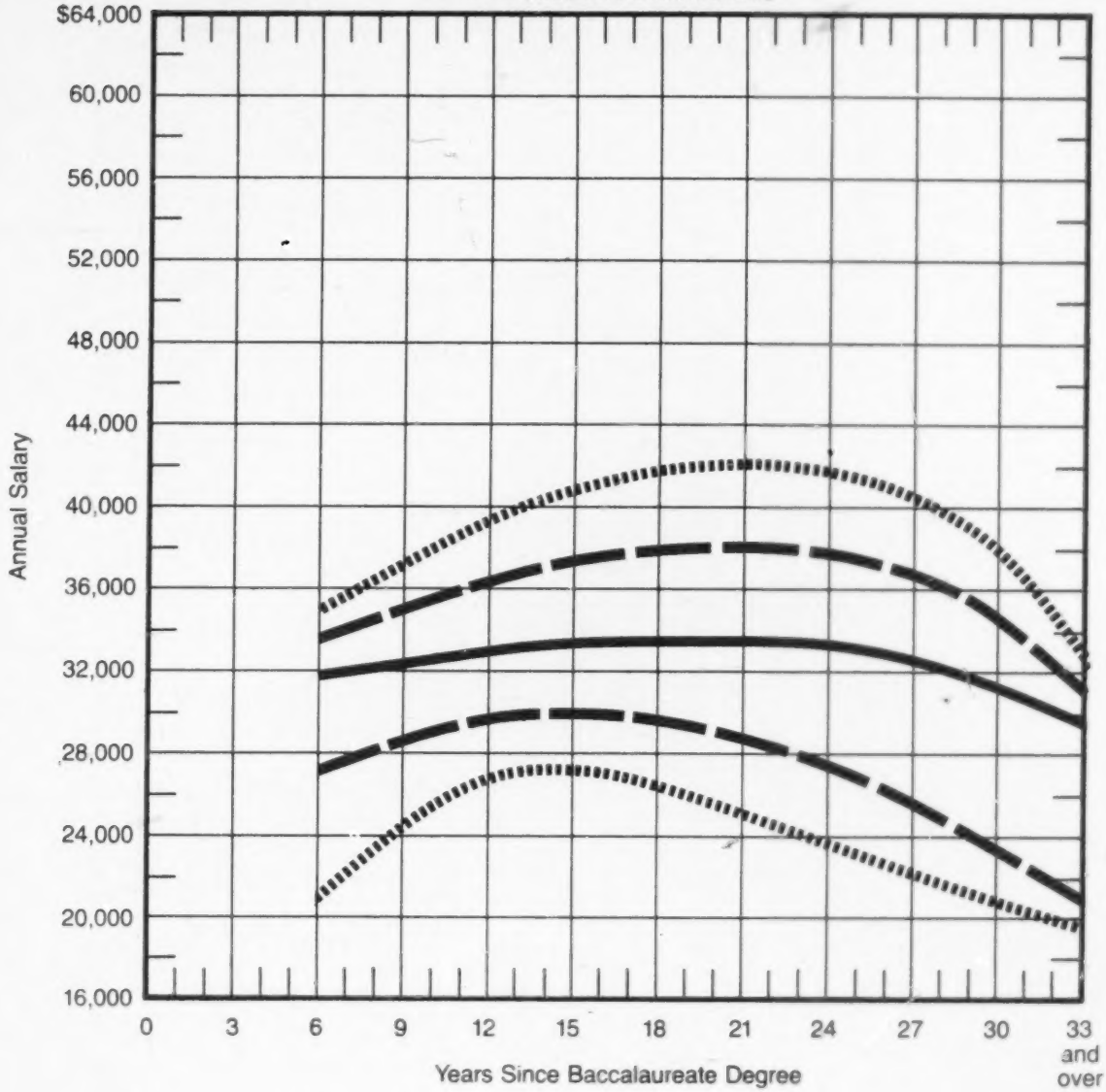
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	C	C	26500	26950	27350	27650	27900	28100	28250
UPPER QUARTILE	C	C	24550	25250	25800	26250	26550	26800	26950
MEDIAN	0	C	23300	23850	24300	24650	24900	25050	25200
LOWER QUARTILE	0	C	20000	21000	21800	22450	22900	23250	23400
LOWER DECILE	0	0	17300	18700	19850	20700	21300	21650	21850
MEAN	0	C	22450	23200	23850	24300	24650	24900	25050
TOTAL NUMBER	2	4	7	35	57	133	177	206	228
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	1	1	1	2	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	28500	28600	28650	28650	28600	28600	28600	28550	28550
UPPER QUARTILE	27050	26850	26550	26200	25950	25700	25600	25500	25450
MEDIAN	25200	24950	24550	24100	23750	23400	23200	23000	22900
LOWER QUARTILE	23450	23050	22500	21950	21500	21200	21000	20900	20850
LOWER DECILE	21750	21150	20500	20000	19700	19500	19400	19300	19300
MEAN	25150	24950	24600	24300	24050	23900	23800	23750	23700
TOTAL NUMBER	665	480	239	140	88	85	66	75	98
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	1	0	0	0	0	1	0	1

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSISTANT PROFESSORS, ALL SCHOOLS
11-12 MONTH CONTRACTS



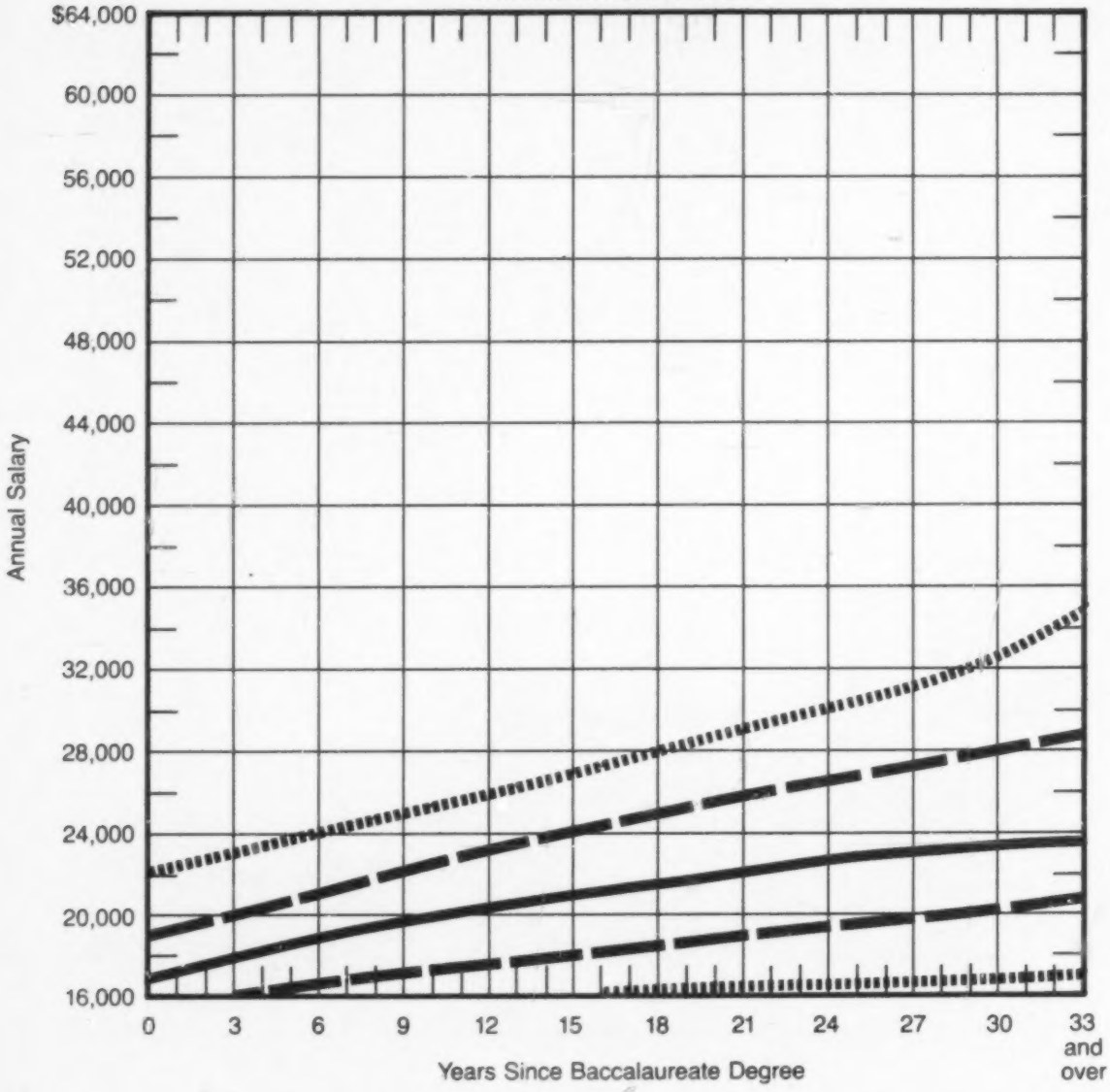
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	34850	35650	36450
UPPER QUARTILE	0	0	0	0	0	0	33400	33950	34450
MEDIAN	0	0	0	0	0	0	31750	32000	32200
LOWER QUARTILE	0	0	0	0	0	0	26900	27550	28100
LOWER DECILE	0	0	0	0	0	0	20850	22200	23400
MEAN	0	0	0	0	0	0	30500	30900	31250
TOTAL NUMBER	1	0	3	0	2	2	7	6	13
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	1	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	37850	39750	41100	41900	41950	41350	0	0	32200
UPPER QUARTILE	35400	36550	37400	37800	37750	37250	0	0	30800
MEDIAN	32550	33000	33250	33300	33200	32900	0	0	29450
LOWER QUARTILE	29050	29800	29850	29200	28150	26800	0	0	21000
LOWER DECILE	25450	27000	27000	25950	24550	23100	0	0	19850
MEAN	31950	32700	33150	33300	33050	32450	0	0	26550
TOTAL NUMBER	43	41	28	18	8	6	4	4	5
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

INSTRUCTORS, ALL SCHOOLS
9-10 MONTH CONTRACTS



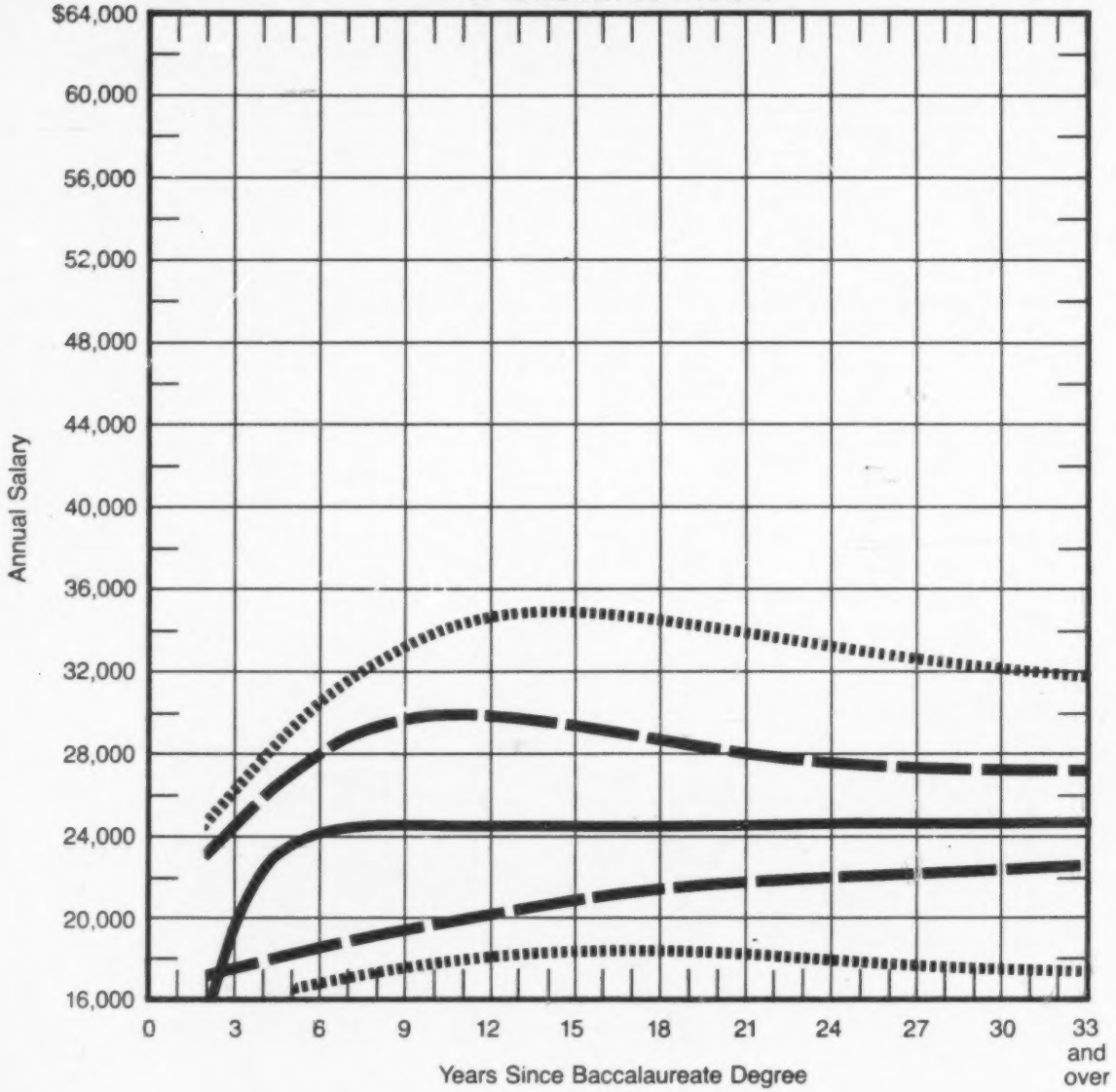
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	22050	22350	22650	23000	23300	23600	23950	24250	24600
UPPER QUARTILE	19050	19400	19700	20050	20350	20700	21050	21350	21700
MEDIAN	16950	17250	17550	17800	18050	18350	18600	18900	19150
LOWER QUARTILE	15550	15700	15850	16050	16200	16350	16550	16700	16850
LOWER DECILE	15200	15300	15350	15400	15450	15500	15550	15600	15650
MEAN	17850	18050	18300	18550	18800	19000	19250	19500	19700
TOTAL NUMBER	18	19	48	45	34	38	33	40	40
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	7	5	13	11	9	6	6	10	7

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	25250	26300	27350	28400	29450	30550	31600	33000	35250
UPPER QUARTILE	22350	23350	24300	25200	26050	26800	27450	28100	28600
MEDIAN	19700	20450	21150	21800	22350	22800	23150	23400	23250
LOWER QUARTILE	17200	17650	18150	18550	19000	19400	19750	20200	20850
LOWER DECILE	15800	15950	16100	16250	16350	16500	16600	16750	16950
MEAN	20200	20850	21550	22150	22750	23300	23800	24300	24900
TOTAL NUMBER	101	71	62	52	51	26	33	52	68
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	15	5	8	4	6	2	5	2	3

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

INSTRUCTORS, ALL SCHOOLS
11-12 MONTH CONTRACTS



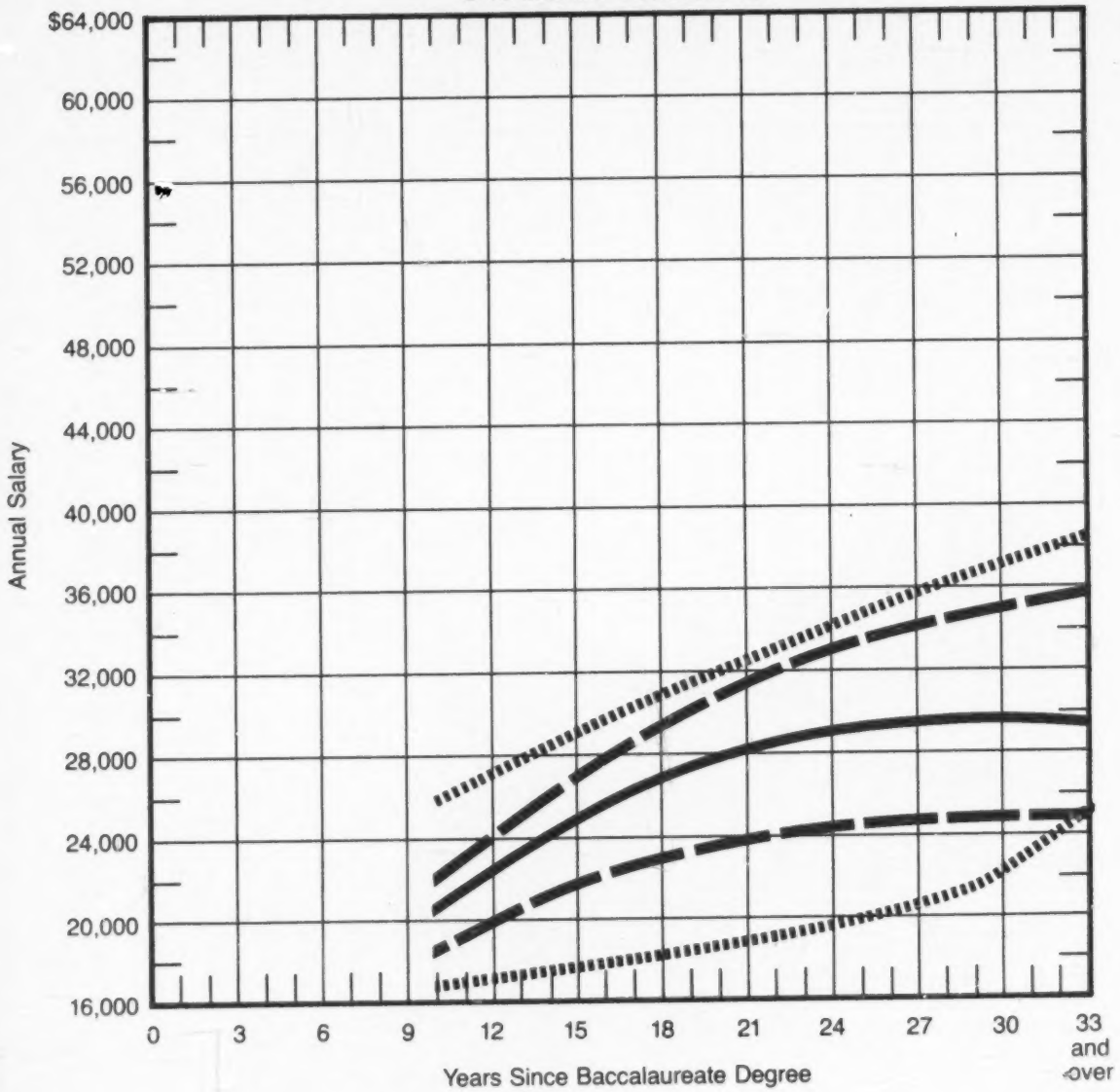
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	24450	0	0	29100	30400	31550	0
UPPER QUARTILE	0	0	22900	0	0	27400	28400	29100	0
MEDIAN	0	0	15950	0	0	23900	24500	24700	0
LOWER QUARTILE	0	0	17150	0	0	18250	18600	18950	0
LOWER DECILE	0	0	14700	0	0	16250	16700	17050	0
MEAN	0	0	19150	0	0	22700	23550	24250	0
TOTAL NUMBER	3	4	5	2	2	5	8	7	2
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	2	1	3	0	1	0	2	1	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	33900	34800	34800	34250	33600	32950	0	32050	31800
UPPER QUARTILE	29950	29650	29000	28350	27850	27500	0	27150	27150
MEDIAN	24700	24650	24650	24650	24650	24650	0	24650	24650
LOWER QUARTILE	19800	20500	21050	21500	21850	22100	0	22450	22550
LOWER DECILE	17850	18250	18300	18200	18000	17800	0	17450	17300
MEAN	25450	25750	25700	25450	25250	25100	0	24950	24950
TOTAL NUMBER	14	13	11	9	6	5	3	8	12
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	4	0	0	1	1	1	0	0	1

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

RESEARCHERS, ALL SCHOOLS
9-10 MONTH CONTRACTS



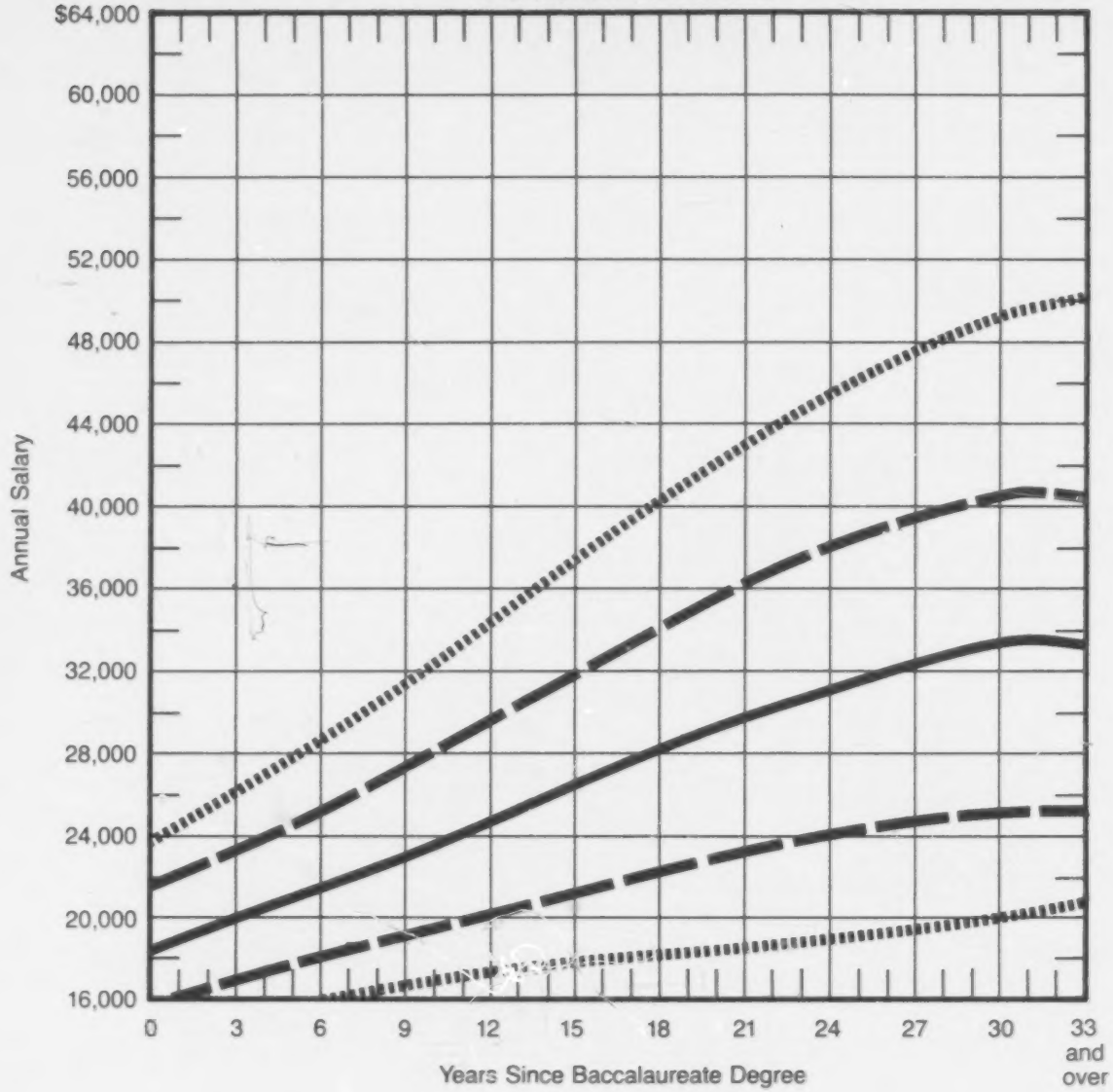
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	C	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	C	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	1	0	2	1	1	0	4	3
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	1	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	25850	27800	29700	31600	33300	34900	36200	0	38600
UPPER QUARTILE	22050	25150	27950	30350	32250	33600	34550	0	35750
MEDIAN	20700	23250	25500	27300	28550	29350	29700	0	29550
LOWER QUARTILE	18300	20700	22450	23550	24200	24550	24700	0	24850
LOWER DECILE	16650	17100	17650	18250	18950	19750	20650	0	25600
MEAN	20900	22850	24700	26350	27750	28900	29850	0	31500
TOTAL NUMBER	14	8	12	6	6	5	13	2	11
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	2	1	0	1	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

RESEARCHERS, ALL SCHOOLS
11-12 MONTH CONTRACTS



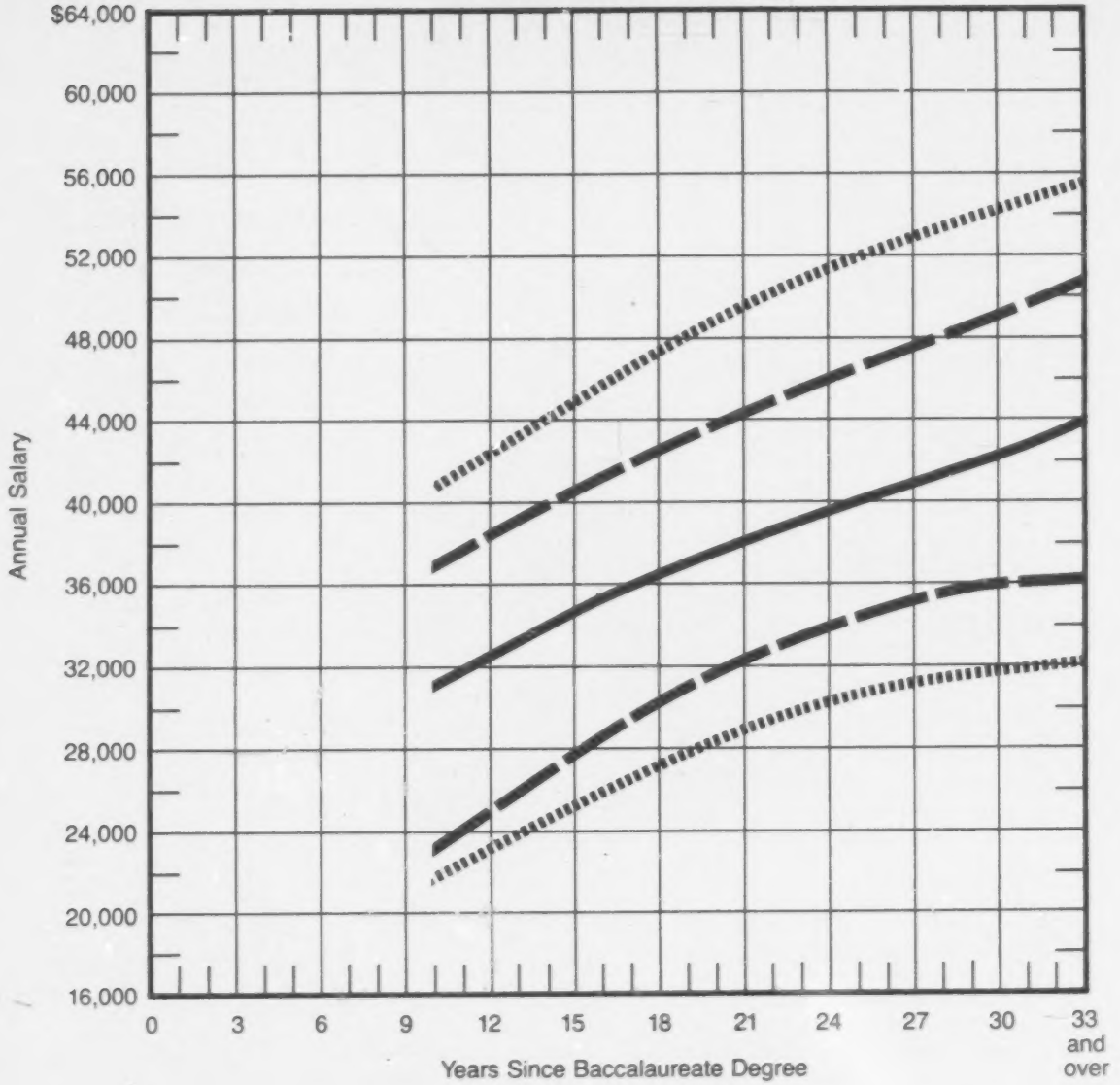
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	23700	24450	25250	26050	26900	27750	28600	29500	30450
UPPER QUARTILE	21400	22050	22650	23300	23950	24650	25300	26000	26750
MEDIAN	18300	18800	19300	19800	20350	20900	21400	22000	22550
LOWER QUARTILE	15650	16050	16400	16800	17150	17550	17950	18300	18700
LOWER DECILE	14950	15100	15300	15450	15600	15800	15950	16150	16300
MEAN	18900	19400	19900	20400	20950	21450	22000	22550	23150
TOTAL NUMBER	11	31	31	47	48	58	62	65	62
OVER $163000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	5	3	10	9	11	7	7	8

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	32300	35250	38200	41100	43850	46250	48150	49800	49850
UPPER QUARTILE	28200	30450	32700	34850	36900	38600	39950	40950	40250
MEDIAN	23700	25450	27200	28900	30450	31850	32900	33750	33500
LOWER QUARTILE	19500	20650	21750	22800	23700	24450	24950	25300	24850
LOWER DECILE	16650	17150	17650	18150	18650	19150	19600	20150	21050
MEAN	24250	26000	27750	29400	30950	32300	33350	34250	34100
TOTAL NUMBER	194	151	127	86	69	61	67	78	100
OVER $163000	0	0	0	0	0	0	0	0	0
UNDER $16000	20	9	6	6	6	5	1	3	2

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ADMINISTRATORS, ALL SCHOOLS
9-10 MONTH CONTRACTS



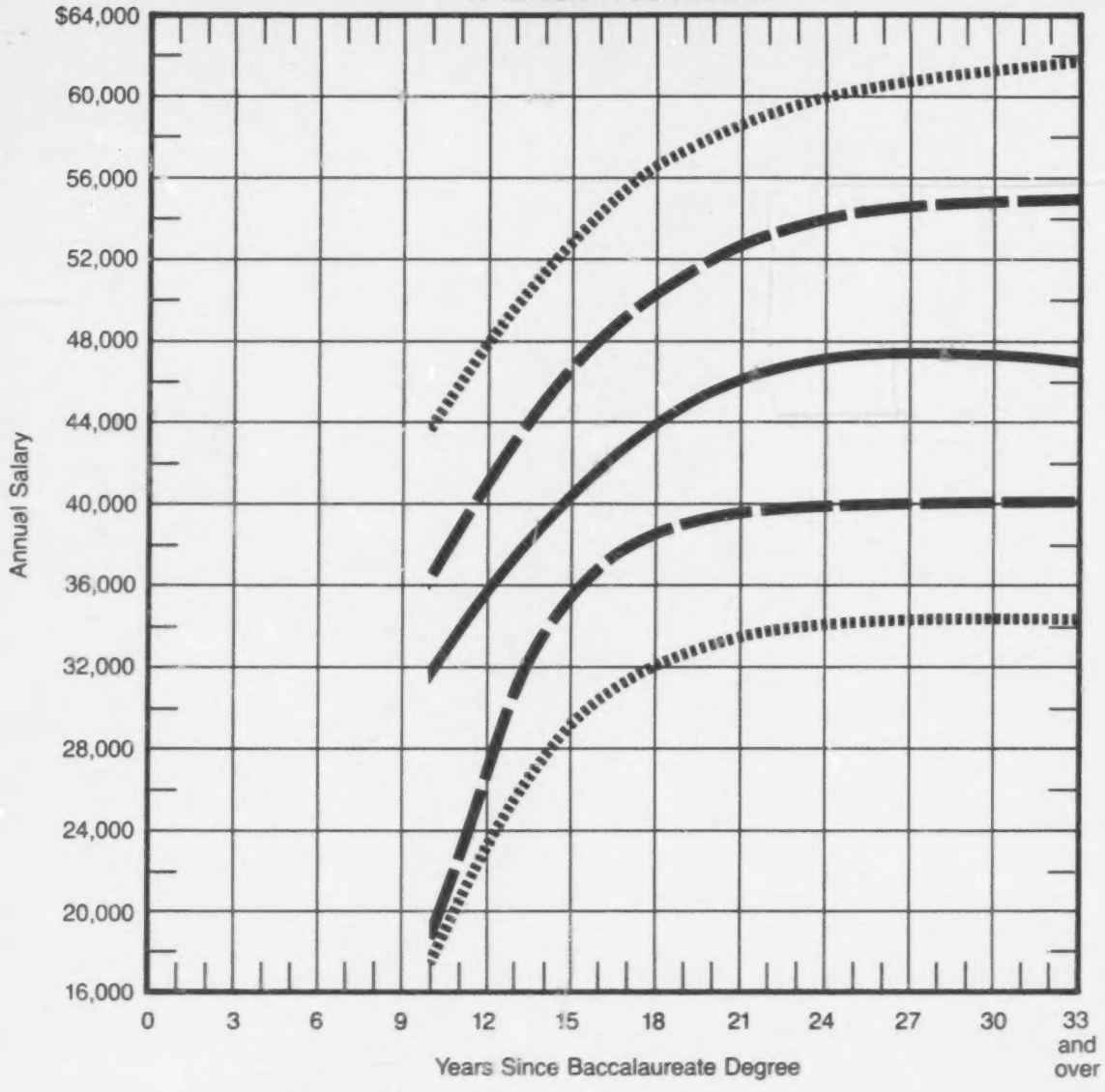
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	0	0	0	1	0	2	1
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	40700	0	45900	48200	50250	51950	53350	54650	55650
UPPER QUARTILE	36900	0	41200	43200	45050	46700	48100	49550	51050
MEDIAN	31150	0	35250	37150	38800	40250	41450	42650	43850
LOWER QUARTILE	22900	0	28500	31000	33050	34600	35600	36200	35950
LOWER DECILE	21750	0	25700	27550	29250	30600	31500	31900	30200
MEAN	30650	0	35400	37500	39300	40800	41950	42950	43600
TOTAL NUMBER	7	4	20	19	32	41	36	32	65
OVER $63000	0	0	0	0	0	0	0	0	2
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ADMINISTRATORS, ALL SCHOOLS
11-12 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	1	1	1	1	3	3	2
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

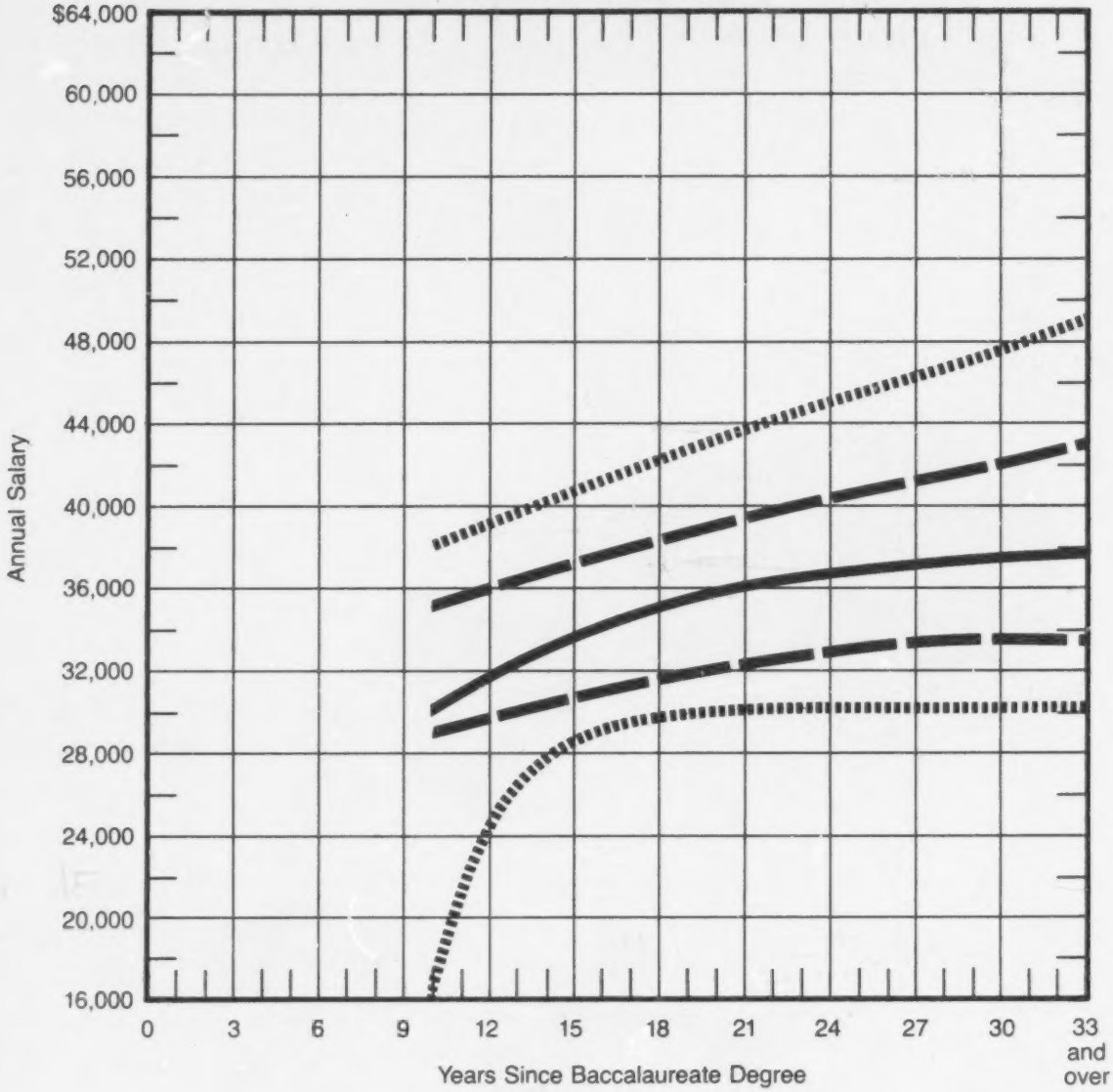
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	43650	49700	54200	57250	59150	60300	60950	61400	61600
UPPER QUARTILE	36100	43150	48100	51250	53100	54100	54600	54900	54950
MEDIAN	32050	37450	41800	44800	46500	47250	47450	47400	47150
LOWER QUARTILE	18750	31350	37250	39200	39800	39950	40000	40000	40000
LOWER DECILE	17450	25600	30600	32900	33850	34200	34300	34350	34350
MEAN	29000	37450	42600	45250	46500	47000	47250	47300	47300
TOTAL NUMBER	6	28	73	122	186	177	135	153	218
OVER $63000	0	0	1	3	8	11	7	8	24
UNDER $16000	0	0	0	0	0	0	0	1	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ENGINEERS EMPLOYED BY ENGINEERING SCHOOLS

PROFESSORS, ALL ENGINEERING SCHOOLS
9-10 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	1	1	1	1	1	2	3
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	1	1	1	1	1

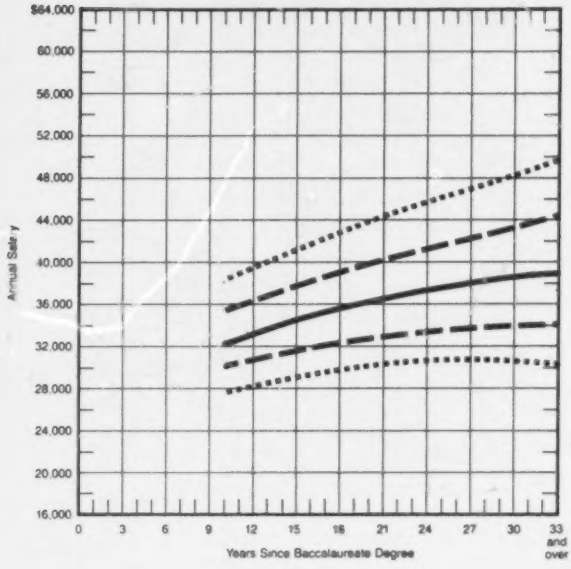
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	37950	39650	41250	42800	44150	45450	46550	47800	49200
UPPER QUARTILE	35250	36500	37650	38750	39800	40750	41550	42450	43400
MEDIAN	30300	32550	34250	35500	36400	37000	37400	37700	37850
LOWER QUARTILE	29100	30200	31150	31950	32600	33100	33400	33550	33200
LOWER DECILE	15950	27250	29650	30000	30100	30100	30100	30100	30100
MEAN	32000	33450	34700	35850	36750	37500	38050	38550	38800
TOTAL NUMBER	9	79	341	599	789	810	740	901	1490
OVER $63000	0	0	0	0	1	1	2	2	4
UNDER $16000	1	0	0	0	0	0	0	0	0

LEGEND

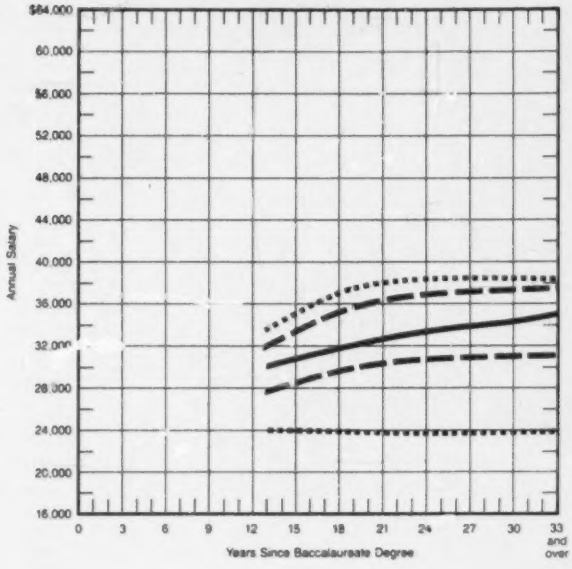
Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

PROFESSORS
9-10 MONTH CONTRACTS

Ph.D ENGINEERING SCHOOLS



NON-Ph.D ENGINEERING SCHOOLS



Ph.D SCHOOLS

YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	C	0	0	0	0	0	0	0
UPPER QUARTILE	0	C	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	C	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	C	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	0	0	0	1	2
OVER $63000	0	0	C	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	38350	40150	41850	43450	44950	46300	47500	48850	50350
UPPER QUARTILE	35650	36950	38200	39400	40500	41550	42450	43400	44400
MEDIAN	32300	33550	34750	35800	36800	37600	38200	38750	38750
LOWER QUARTILE	29900	30900	31750	32550	33150	33650	34000	34150	33700
LOWER DECILE	27650	28700	29550	30200	30600	30800	30850	30750	30250
MEAN	32900	34100	35300	36400	37350	38150	38800	39400	39500
TOTAL NUMBER	7	64	300	521	676	683	636	774	1269
OVER $63000	0	0	0	0	1	1	2	2	4
UNDER $16000	0	C	0	0	0	0	0	0	0

NON-Ph.D SCHOOLS

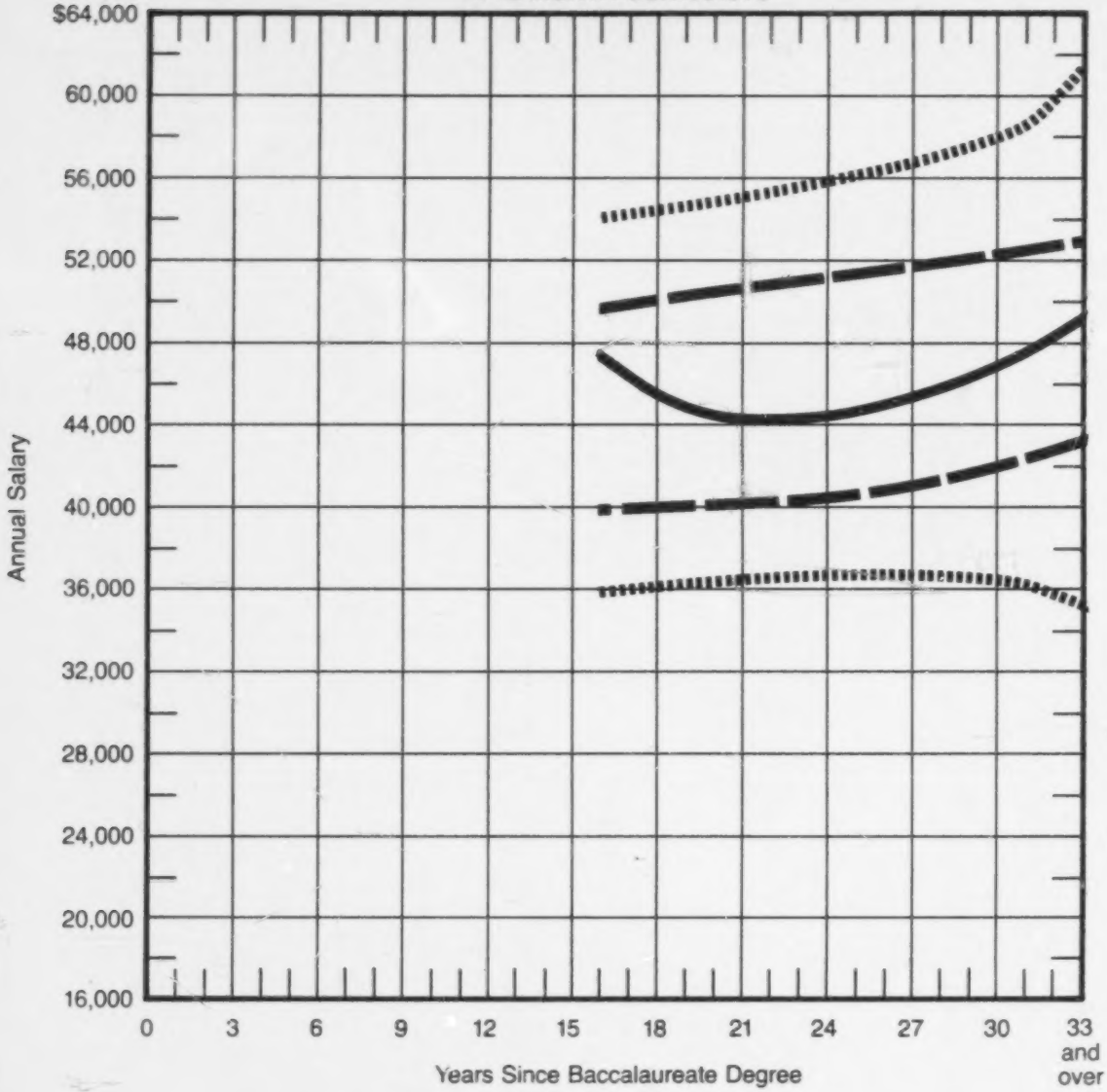
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	C	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	C	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	C	C	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	1	1	1	1	1	1	1
OVER $63000	0	C	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	1	1	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	32850	36450	37850	38350	38500	38550	38600	38600
UPPER QUARTILE	0	31450	34450	36000	36750	37150	37300	37400	37400
MEDIAN	0	29950	31050	32050	32900	33600	34150	34650	35050
LOWER QUARTILE	0	27350	29350	30300	30700	30850	30950	31000	31000
LOWER DECILE	0	23750	28150	27950	27900	27900	27900	27900	27900
MEAN	0	30100	31350	32300	33000	33500	33800	34050	34250
TOTAL NUMBER	2	15	41	78	113	127	104	127	221
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	0	C	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

PROFESSORS, ALL ENGINEERING SCHOOLS
11-12 MONTH CONTRACTS



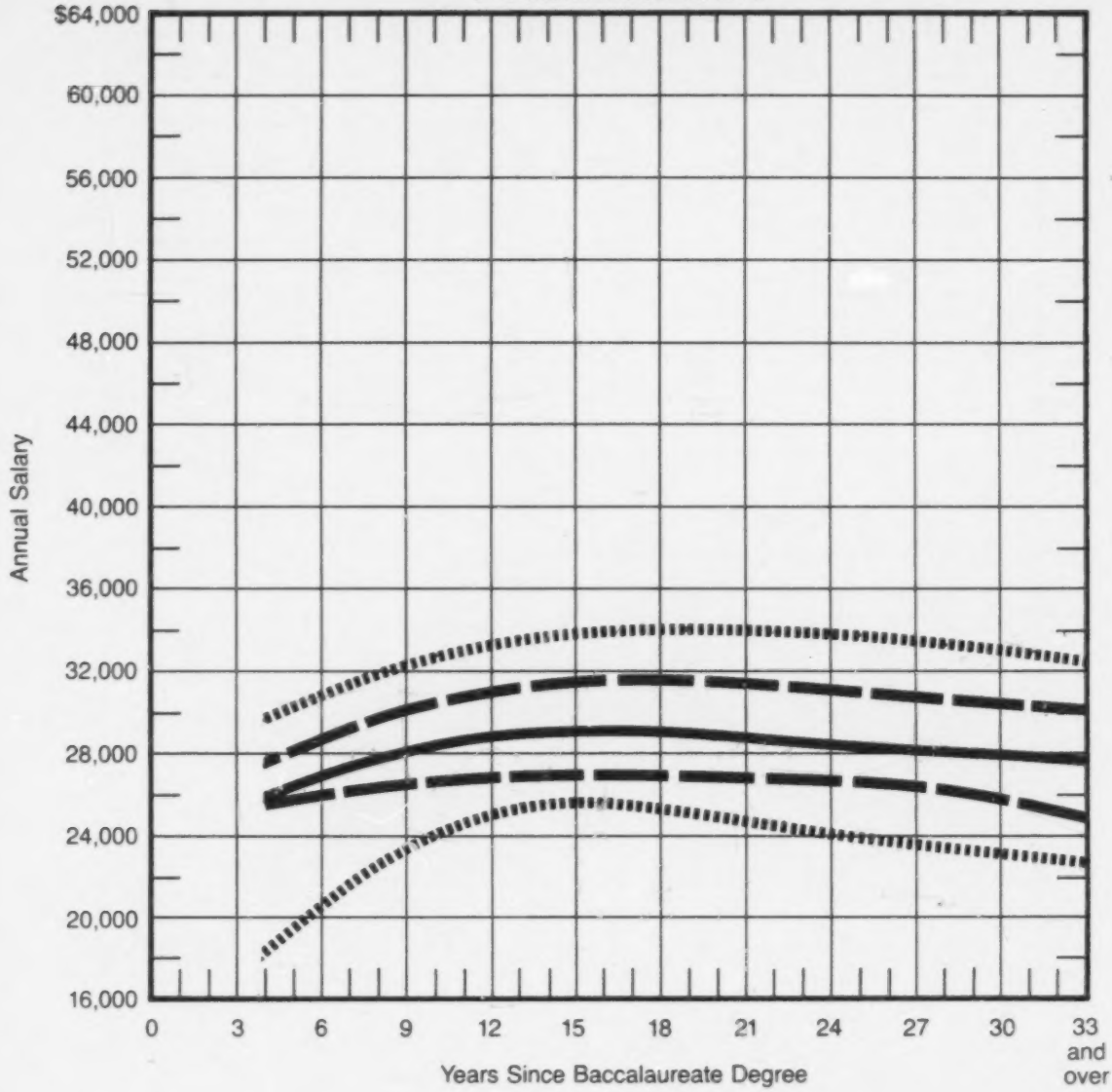
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	0	0	0	0	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	0	54100	54650	55300	56100	57000	58450	61650
UPPER QUARTILE	0	0	49650	50300	50900	51450	51900	52400	52950
MEDIAN	0	0	47750	44850	44200	44750	45900	47600	49450
LOWER QUARTILE	0	0	39850	39950	40300	40850	41500	42350	43500
LOWER DECILE	0	0	35950	36350	36600	36700	36600	36250	34900
MEAN	0	0	46850	44300	45500	46700	47350	47600	47650
TOTAL NUMBER	1	3	11	31	29	32	31	33	46
OVER $63000	0	0	0	0	0	1	2	0	4
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ASSOCIATE PROFESSORS, ALL ENGINEERING SCHOOLS
9-10 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	29550	30250	0	31400	31950
UPPER QUARTILE	0	0	0	0	27450	28100	0	29300	29800
MEDIAN	0	0	0	0	26000	26600	0	27500	27900
LOWER QUARTILE	0	0	0	0	25650	25850	0	26200	26350
LOWER DECILE	0	0	0	0	18000	19400	0	21800	22850
MEAN	0	0	0	0	25450	26150	0	27300	27750
TOTAL NUMBER	0	1	1	2	5	7	4	16	31
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	1	1	1	1	1	1

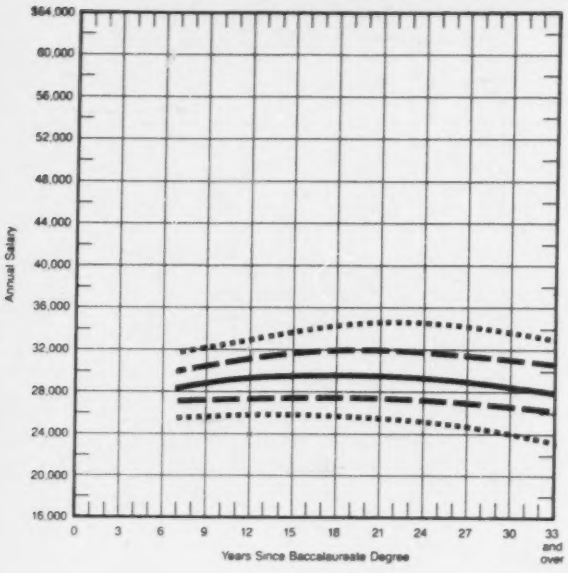
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	32800	33600	34050	34100	33950	33700	33350	32950	32500
UPPER QUARTILE	30550	31250	31500	31450	31250	31000	30750	30450	30250
MEDIAN	28450	28900	29000	28900	28700	28450	28200	27950	27800
LOWER QUARTILE	26600	26800	26900	26900	26700	26500	26150	25700	24850
LOWER DECILE	24350	25450	25500	25050	24450	23950	23550	23200	23050
MEAN	28500	29200	29400	29300	29050	28750	28450	28100	27800
TOTAL NUMBER	237	486	584	505	400	287	233	239	341
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	0	0	0	0	0	0	1	0

LEGEND

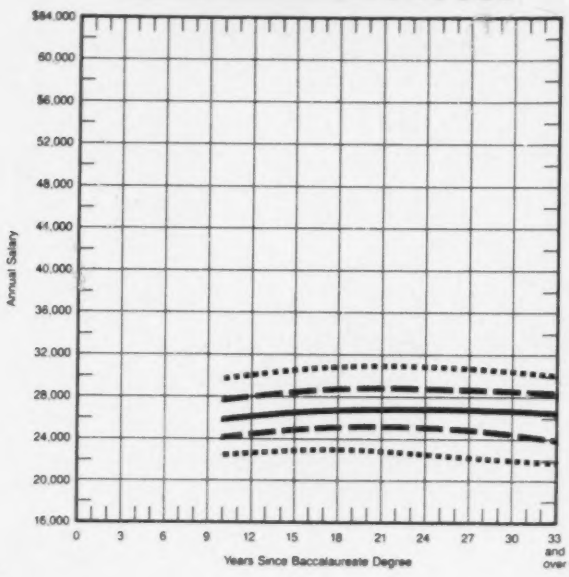
- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ASSOCIATE PROFESSORS
9-10 MONTH CONTRACTS

Ph.D ENGINEERING SCHOOLS



NON-Ph.D ENGINEERING SCHOOLS



Ph.D SCHOOLS

YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	31750	32250
UPPER QUARTILE	0	0	0	0	0	0	0	29550	30050
MEDIAN	0	0	0	0	0	0	0	28400	28600
LOWER QUARTILE	0	0	0	0	0	0	0	27050	27150
LOWER DECILE	0	0	0	0	0	0	0	25250	25450
MEAN	0	0	0	0	0	0	0	28350	28650
TOTAL NUMBER	0	0	0	1	2	4	3	13	27
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	33050	33950	34450	34600	34500	34250	33900	33400	32700
UPPER QUARTILE	30800	31600	31950	31950	31800	31550	31300	30950	30600
MEDIAN	28950	29300	29450	29450	29350	29100	28850	28500	28000
LOWER QUARTILE	27250	27400	27400	27350	27200	27000	26700	26200	25050
LOWER DECILE	25700	25900	25850	25650	25250	24850	24400	23800	23100
MEAN	29150	29650	29850	29800	29650	29350	29050	28600	28050
TOTAL NUMBER	205	415	480	399	302	224	183	198	274
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	1	0

NON-Ph.D SCHOOLS

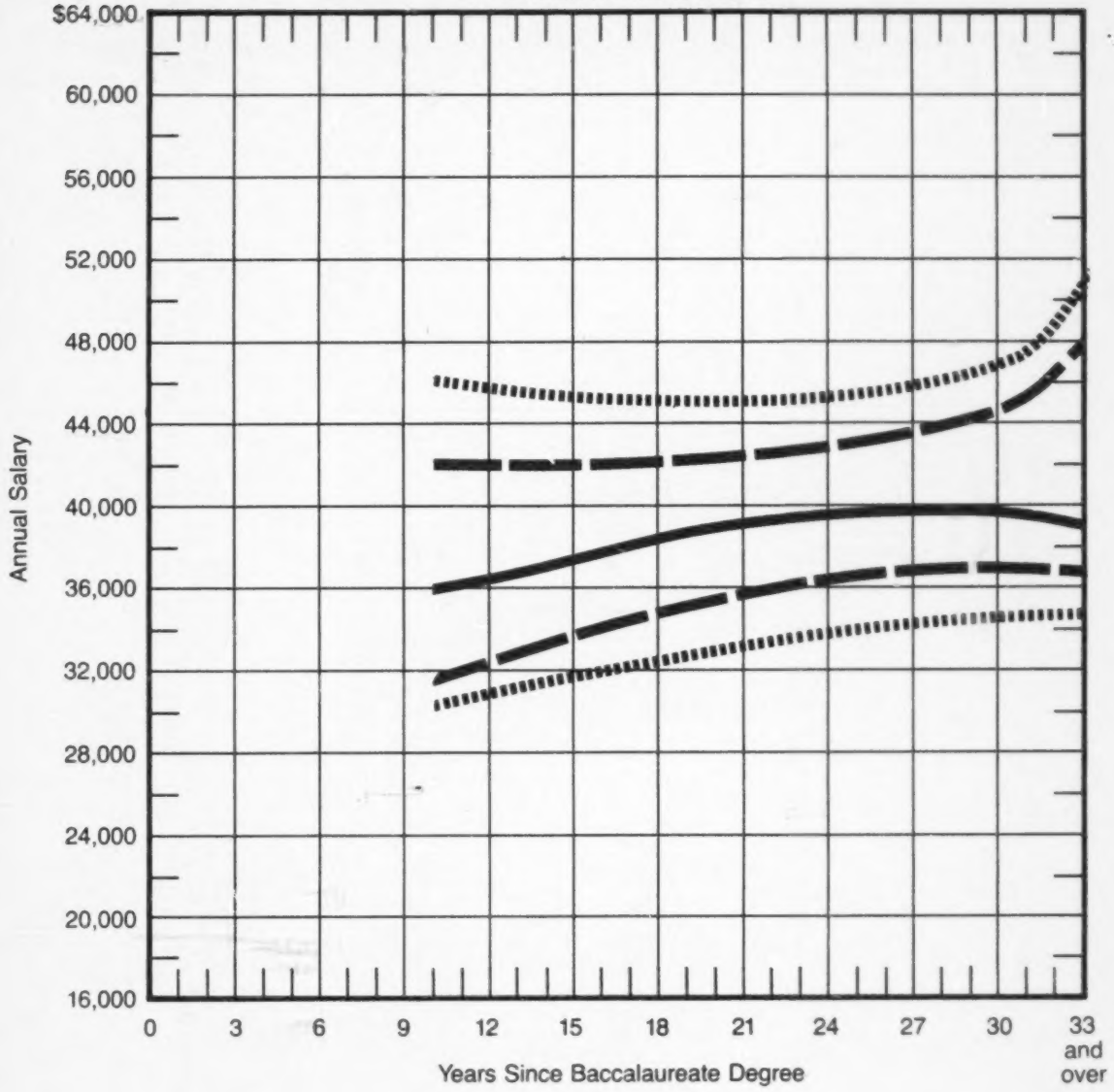
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	1	1	1	3	3	1	3	4
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	1	1	1	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	29650	30150	30550	30850	31000	31000	30850	30500	29300
UPPER QUARTILE	27500	28200	28600	28750	28800	28700	28600	28450	28300
MEDIAN	25650	26350	26800	27000	27100	27050	26950	26750	26400
LOWER QUARTILE	23900	24500	24950	25100	25100	24950	24650	24200	23350
LOWER DECILE	22600	23000	23150	23100	22900	22650	22450	22150	21900
MEAN	26000	26500	26850	27050	27100	27050	26900	26600	26050
TOTAL NUMBER	32	71	104	106	98	63	50	41	67
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSOCIATE PROFESSORS, ALL ENGINEERING SCHOOLS
11-12 MONTH CONTRACTS



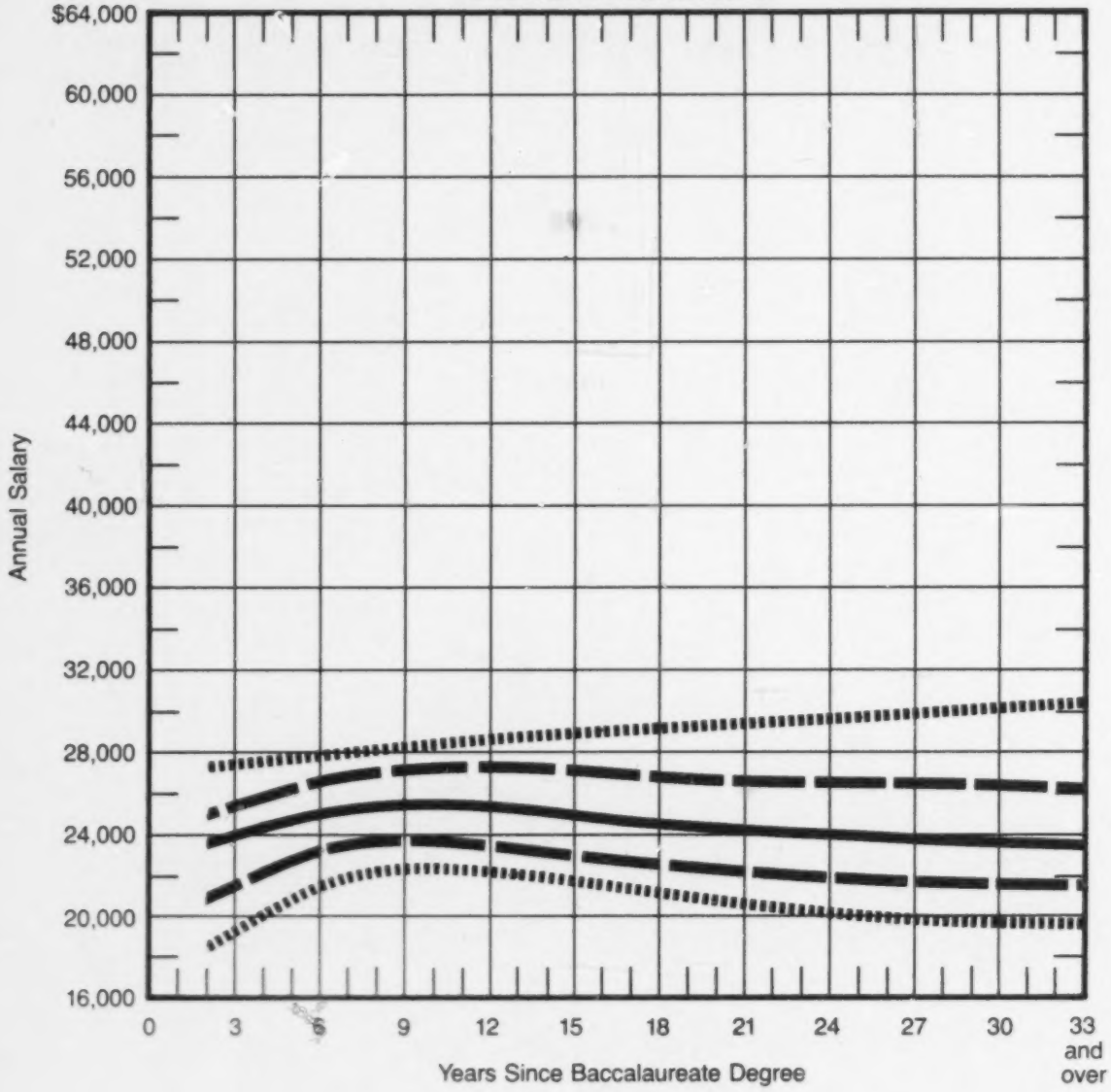
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	0	0	0	0	1
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	46300	45550	45050	44900	45000	45350	46050	47400	51550
UPPER QUARTILE	42100	42000	42000	42200	42550	43100	43800	45100	48450
MEDIAN	35800	36800	37750	38500	39100	39550	39800	39800	39000
LOWER QUARTILE	31600	32900	34050	35100	35950	36600	37000	37150	36350
LOWER DECILE	30200	31150	31950	32750	33400	33950	34350	34700	34650
MEAN	37200	37700	38200	38750	39200	39700	40200	40750	41750
TOTAL NUMBER	18	20	36	31	19	8	6	6	6
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSISTANT PROFESSORS, ALL ENGINEERING SCHOOLS
9-10 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	C	27350	27500	27600	27750	27900	28050	28150
UPPER QUARTILE	0	C	24800	25400	25900	26300	26600	26800	27000
MEDIAN	0	C	23650	24150	24500	24800	25000	25150	25250
LOWER QUARTILE	0	C	20500	21450	22200	22800	23250	23500	23650
LOWER DECILE	0	C	18200	19350	20350	21100	21600	22000	22200
MEAN	0	C	23000	23650	24150	24550	24850	25050	25200
TOTAL NUMBER	2	3	6	32	49	128	165	193	216
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	1	1	1	1	1	1	1

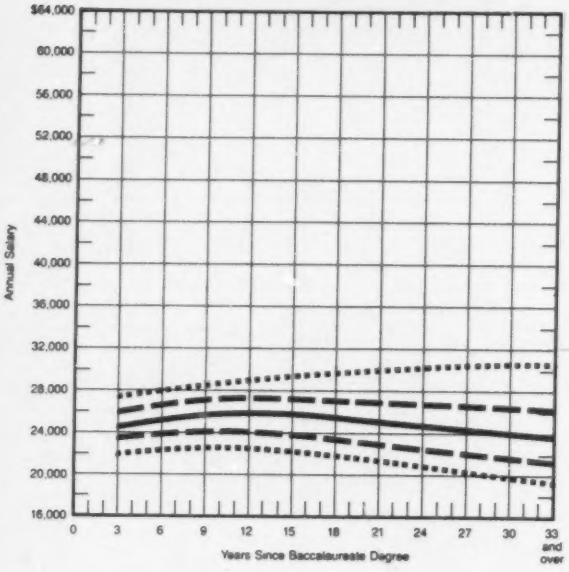
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	28400	28750	29050	29300	29550	29700	29850	29950	30000
UPPER QUARTILE	27150	27100	26900	26650	26450	26300	26200	26150	26100
MEDIAN	25300	25150	24850	24500	24150	23900	23700	23550	23450
LOWER QUARTILE	23700	23300	22850	22400	22050	21850	21700	21600	21600
LOWER DECILE	22250	21800	21250	20700	20350	20100	19950	19850	19800
MEAN	25300	25200	25000	24800	24600	24500	24400	24350	24350
TOTAL NUMBER	621	428	189	109	70	64	41	52	76
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	1	0	0	0	0	0	0	1

LEGEND

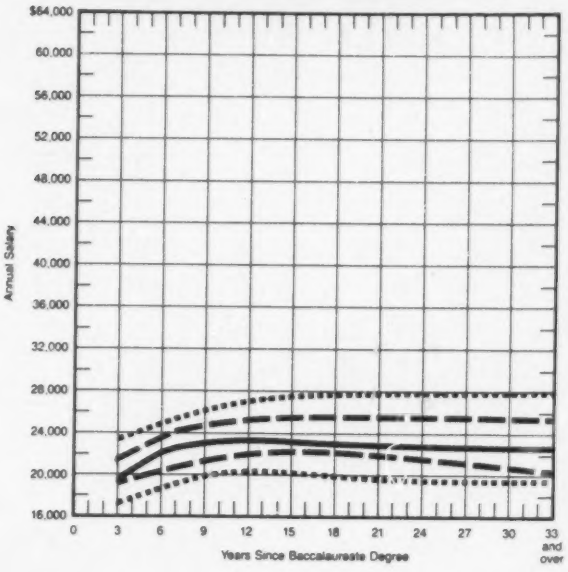
Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSISTANT PROFESSORS
9-10 MONTH CONTRACTS

Ph.D ENGINEERING SCHOOLS



NON-Ph.D ENGINEERING SCHOOLS



Ph.D SCHOOLS

YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	27450	27650	27800	28000	28150	28300
UPPER QUARTILE	0	0	0	25600	26050	26450	26750	27000	27150
MEDIAN	0	0	0	24400	24700	25000	25200	25350	25450
LOWER QUARTILE	0	0	0	23400	23550	23700	23850	23900	23950
LOWER DECILE	0	0	0	21500	21800	22100	22300	22450	22550
MEAN	0	0	0	24500	24750	25000	25200	25350	25450
TOTAL NUMBER	1	2	4	27	42	113	153	170	186
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	28600	29000	29400	29700	30000	30200	30350	30450	30350
UPPER QUARTILE	27400	27400	27250	27000	26800	26550	26400	26250	26200
MEDIAN	25550	25500	25250	24950	24650	24400	24200	24000	23900
LOWER QUARTILE	24000	23900	23600	23250	22850	22450	22100	21650	21200
LOWER DECILE	22600	22450	22050	21550	21050	20600	20250	19900	19550
MEAN	25600	25650	25550	25350	25150	24950	24800	24650	24550
TOTAL NUMBER	536	332	143	75	38	48	27	36	53
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	1	0	0	0	0	0	0	1

NON-Ph.D SCHOOLS

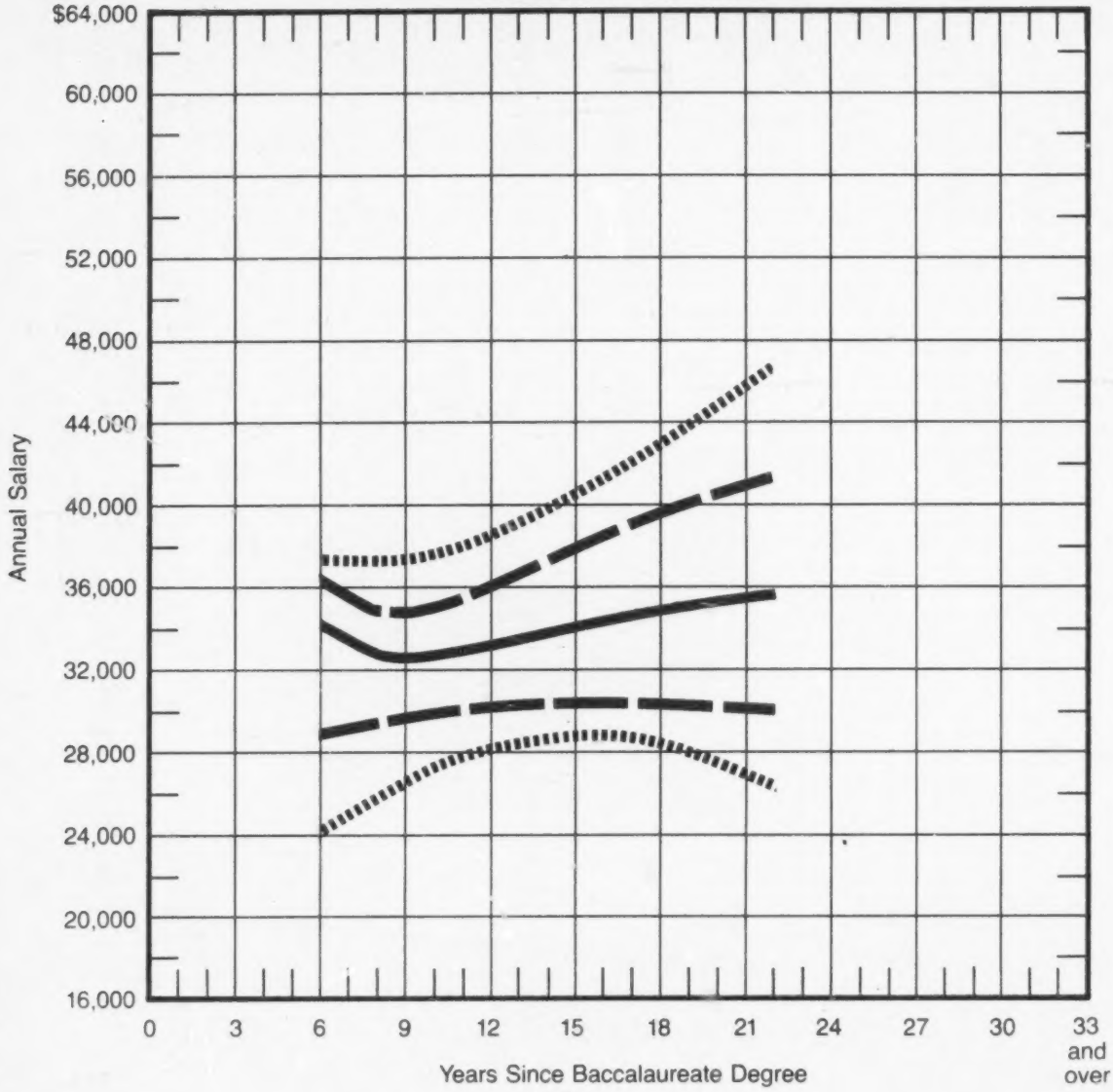
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	22800	23700	24450	25100	25650	26100
UPPER QUARTILE	0	0	0	20850	22150	23150	23900	24450	24800
MEDIAN	0	0	0	19750	20850	21650	22250	22650	22900
LOWER QUARTILE	0	0	0	19350	19800	20200	20550	20900	21200
LOWER DECILE	0	0	0	15850	17050	18100	18950	19550	20000
MEAN	0	0	0	18950	20500	21550	22250	22750	23050
TOTAL NUMBER	1	1	2	5	7	15	12	23	30
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	1	1	1	1	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	26750	27350	27650	27800	27900	27900	27950	27950	27950
UPPER QUARTILE	25250	25500	25550	25550	25550	25550	25550	25550	25550
MEDIAN	23100	23150	23050	23000	23000	22950	22950	22950	22950
LOWER QUARTILE	21650	22100	22200	22100	21850	21500	21150	20700	20200
LOWER DECILE	20400	20400	20100	19800	19600	19450	19400	19350	19350
MEAN	23400	23600	23650	23650	23650	23650	23650	23650	23650
TOTAL NUMBER	85	96	46	34	32	16	14	16	23
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ASSISTANT PROFESSORS, ALL ENGINEERING SCHOOLS
11-12 MONTH CONTRACTS



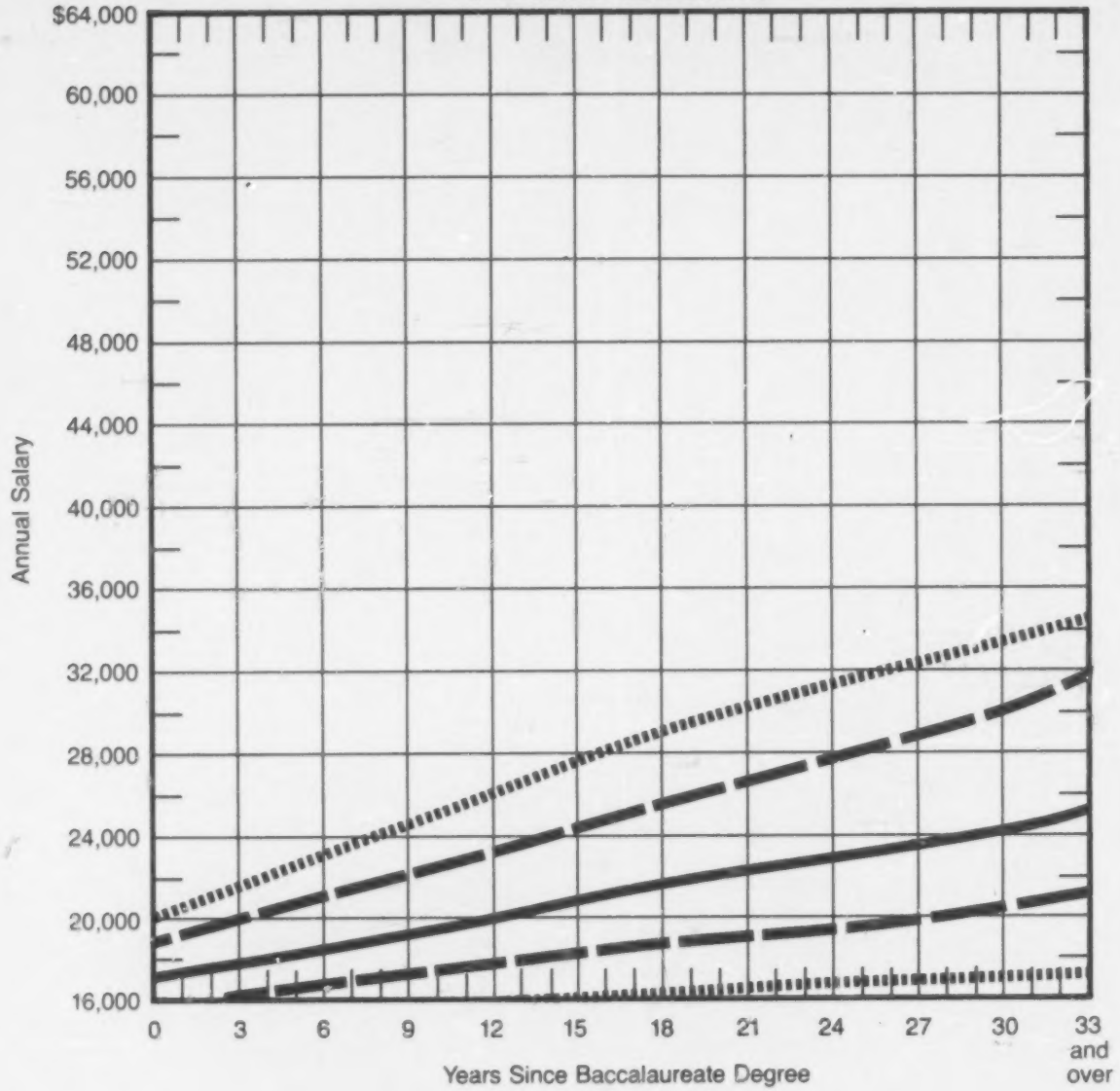
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	37650	37350	37250
UPPER QUARTILE	0	0	0	0	0	0	36500	35250	34750
MEDIAN	0	0	0	0	0	0	34250	33100	32600
LOWER QUARTILE	0	0	0	0	0	0	28900	29200	29450
LOWER DECILE	0	0	0	0	0	0	24150	25000	25800
MEAN	0	0	0	0	0	0	31600	31900	32200
TOTAL NUMBER	0	0	1	0	2	2	7	5	13
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	37550	38950	41100	43750	46700	0	0	0	0
UPPER QUARTILE	34900	36450	38400	40050	41150	0	0	0	0
MEDIAN	32600	33550	34500	35150	35500	0	0	0	0
LOWER QUARTILE	29900	30400	30600	30500	30100	0	0	0	0
LOWER DECILE	27200	28600	28950	28050	26200	0	0	0	0
MEAN	32800	33650	34500	35200	35850	0	0	0	0
TOTAL NUMBER	38	35	26	15	7	4	1	2	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

INSTRUCTORS, ALL ENGINEERING SCHOOLS
9-10 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	20050	20600	21100	21650	22150	22700	23200	23750	24250
UPPER QUARTILE	18950	19300	19650	20000	20350	20700	21100	21450	21800
MEDIAN	16950	17200	17500	17750	18000	18300	18550	18850	19100
LOWER QUARTILE	15550	15700	15900	16050	16250	16400	16550	16750	16900
LOWER DECILE	15150	15200	15300	15350	15450	15500	15600	15650	15750
MEAN	17500	17750	18000	18300	18550	18850	19100	19350	19650
TOTAL NUMBER	11	14	38	36	29	31	29	31	29
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	6	4	10	8	9	5	5	9	6

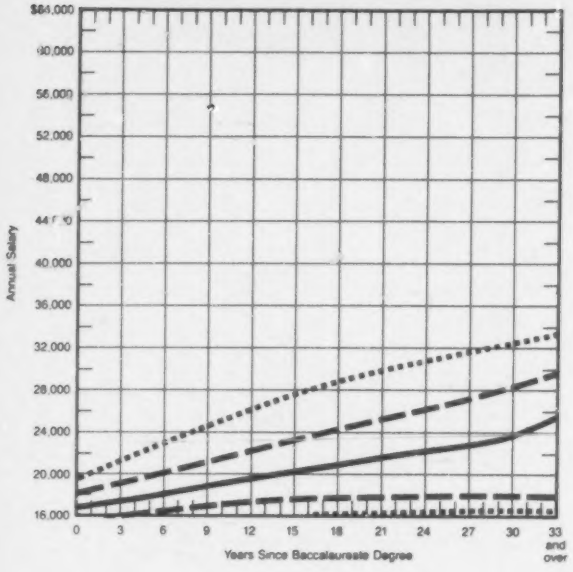
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	25300	26800	28250	29550	30750	31800	32700	33650	34700
UPPER QUARTILE	22550	23650	24800	25900	27000	28050	29100	30400	32250
MEDIAN	19650	20400	21150	21900	22550	23200	23800	24450	25350
LOWER QUARTILE	17250	17750	18250	18700	19150	19550	19950	20400	21050
LOWER DECILE	15850	16050	16250	16400	16500	16650	16750	16800	16850
MEAN	20150	20950	21700	22450	23150	23750	24350	25050	26000
TOTAL NUMBER	70	35	33	27	24	9	11	20	36
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	12	0	3	2	3	0	2	1	2

LEGEND

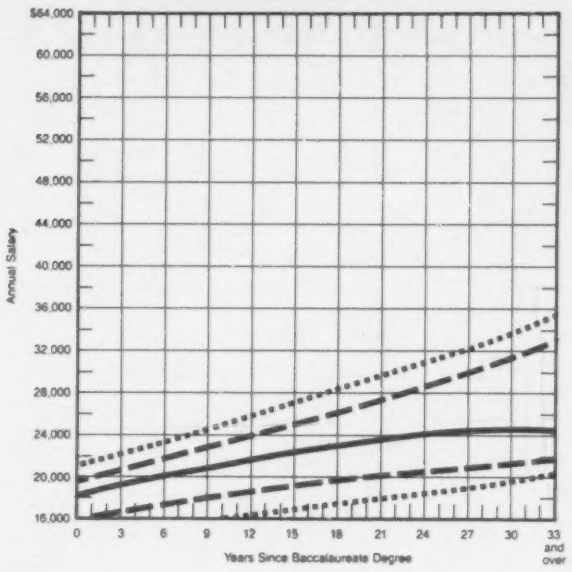
Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

INSTRUCTORS
9-10 MONTH CONTRACTS

Ph.D ENGINEERING SCHOOLS



NON-Ph.D ENGINEERING SCHOOLS



Ph.D SCHOOLS

YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	19550	20100	20700	21250	21850	22400	23000	23550	24100
UPPER QUARTILE	18100	18400	18750	19100	19450	19850	20200	20550	20900
MEDIAN	16750	16950	17200	17400	17650	17850	18100	18350	18550
LOWER QUARTILE	15300	15500	15700	15900	16050	16250	16400	16550	16700
LOWER DECILE	15050	15150	15200	15300	15350	15450	15500	15600	15650
MEAN	17100	17350	17650	17900	18150	18400	18650	18900	19150
TOTAL NUMBER	6	5	21	19	18	20	20	20	20
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	4	2	6	6	8	4	3	7	5

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	25200	26700	28100	29350	30400	31350	32050	32800	33500
UPPER QUARTILE	21650	22700	23800	24850	25850	26850	27750	28850	30350
MEDIAN	19050	19750	20450	21200	21900	22600	23300	24250	25700
LOWER QUARTILE	17000	17350	17600	17800	17900	17950	18000	17950	17750
LOWER DECILE	15750	15950	16050	16200	16300	16350	16400	16400	16350
MEAN	19700	20400	21150	21850	22500	23100	23650	24350	25200
TOTAL NUMBER	46	20	22	14	9	6	10	14	23
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	9	0	2	2	3	0	2	1	2

NON-Ph.D SCHOOLS

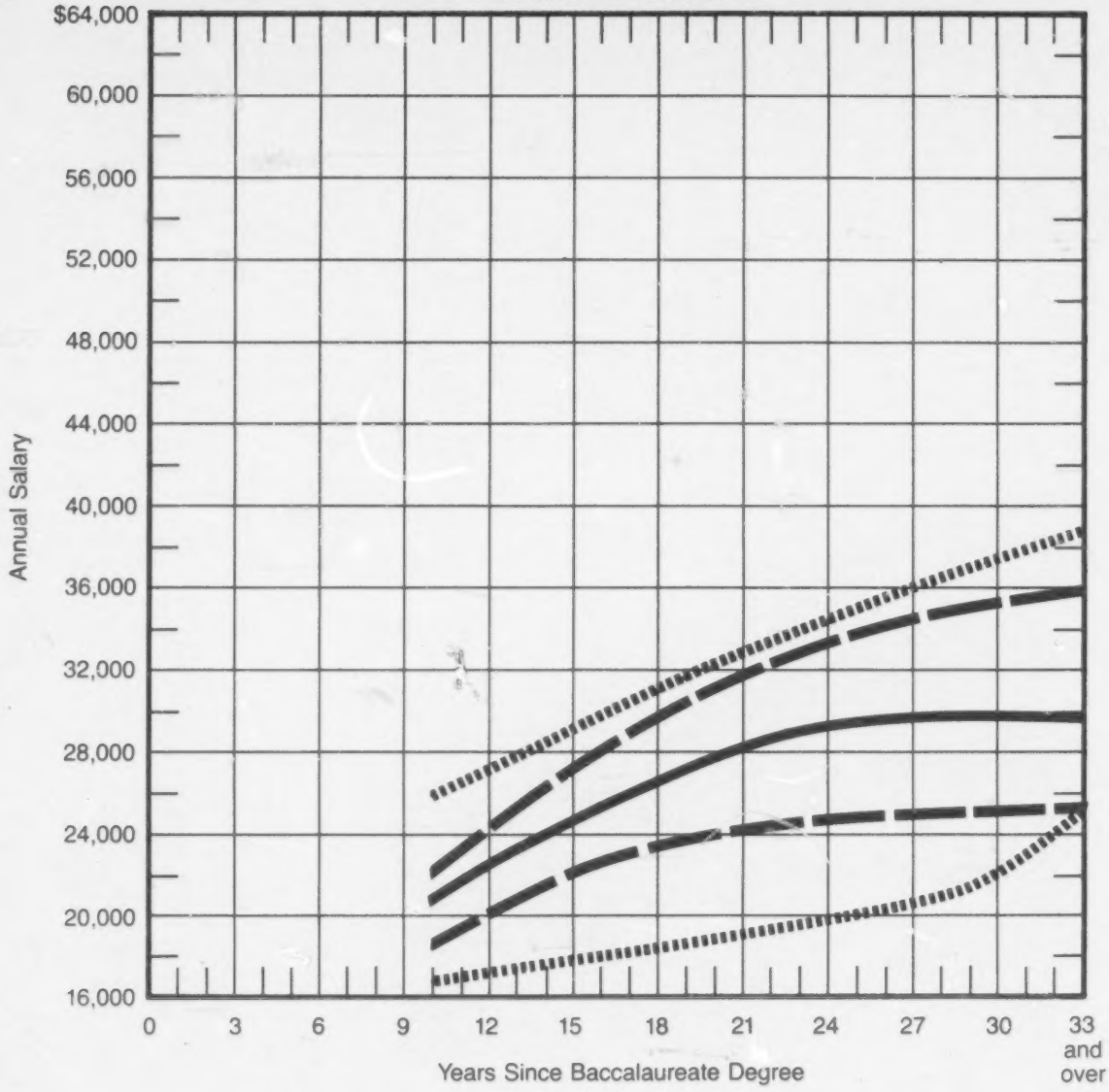
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	21050	21450	21850	22250	22650	23100	23500	23900	24350
UPPER QUARTILE	19350	19750	20100	20450	20850	21200	21600	22000	22350
MEDIAN	17900	18200	18500	18800	19150	19450	19750	20050	20350
LOWER QUARTILE	15900	16150	16400	16700	16950	17200	17450	17700	17900
LOWER DECILE	15550	15550	15550	15600	15650	15700	15750	15850	15950
MEAN	18000	18300	18600	18900	19200	19450	19750	20050	20350
TOTAL NUMBER	5	5	17	17	11	11	9	11	9
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	2	2	4	2	1	1	2	2	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	25200	26500	27750	29050	30300	0	0	34050	36000
UPPER QUARTILE	23150	24350	25550	26750	27950	0	0	31600	33700
MEDIAN	20950	21800	22600	23350	23950	0	0	25050	24800
LOWER QUARTILE	18350	19000	19550	20050	20450	0	0	21400	21750
LOWER DECILE	16150	16550	17050	17550	18150	0	0	19900	20700
MEAN	20950	21850	22700	23550	24350	0	0	26450	27250
TOTAL NUMBER	24	15	11	13	15	3	1	6	13
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	3	0	1	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

RESEARCHERS, ALL ENGINEERING SCHOOLS
9-10 MONTH CONTRACTS



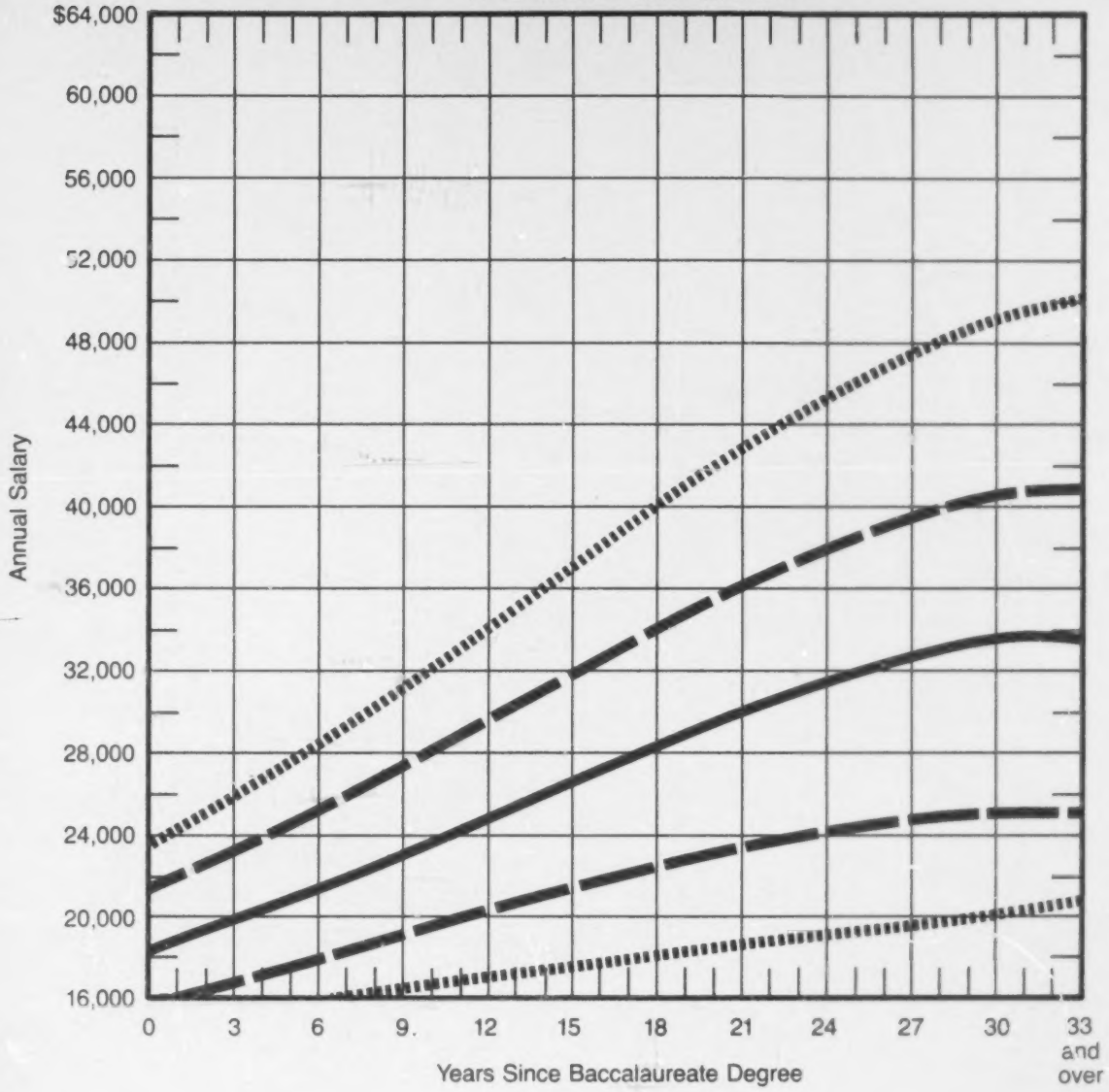
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	1	0	2	1	1	0	4	3
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	1	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	25850	27800	29750	31600	33350	34950	36250	0	38650
UPPER QUARTILE	22050	25100	27950	30400	32300	33700	34700	0	35850
MEDIAN	20700	23250	25500	27350	28650	29500	29850	0	29600
LOWER QUARTILE	18300	20700	22450	23600	24300	24750	24950	0	25200
LOWER DECILE	16550	17100	17750	18450	19200	20050	21000	0	25800
MEAN	20850	22900	24800	26500	27950	29200	30150	0	31950
TOTAL NUMBER	14	8	12	6	6	5	12	2	11
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	2	1	0	1	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

RESEARCHERS, ALL ENGINEERING SCHOOLS
11-12 MONTH CONTRACTS



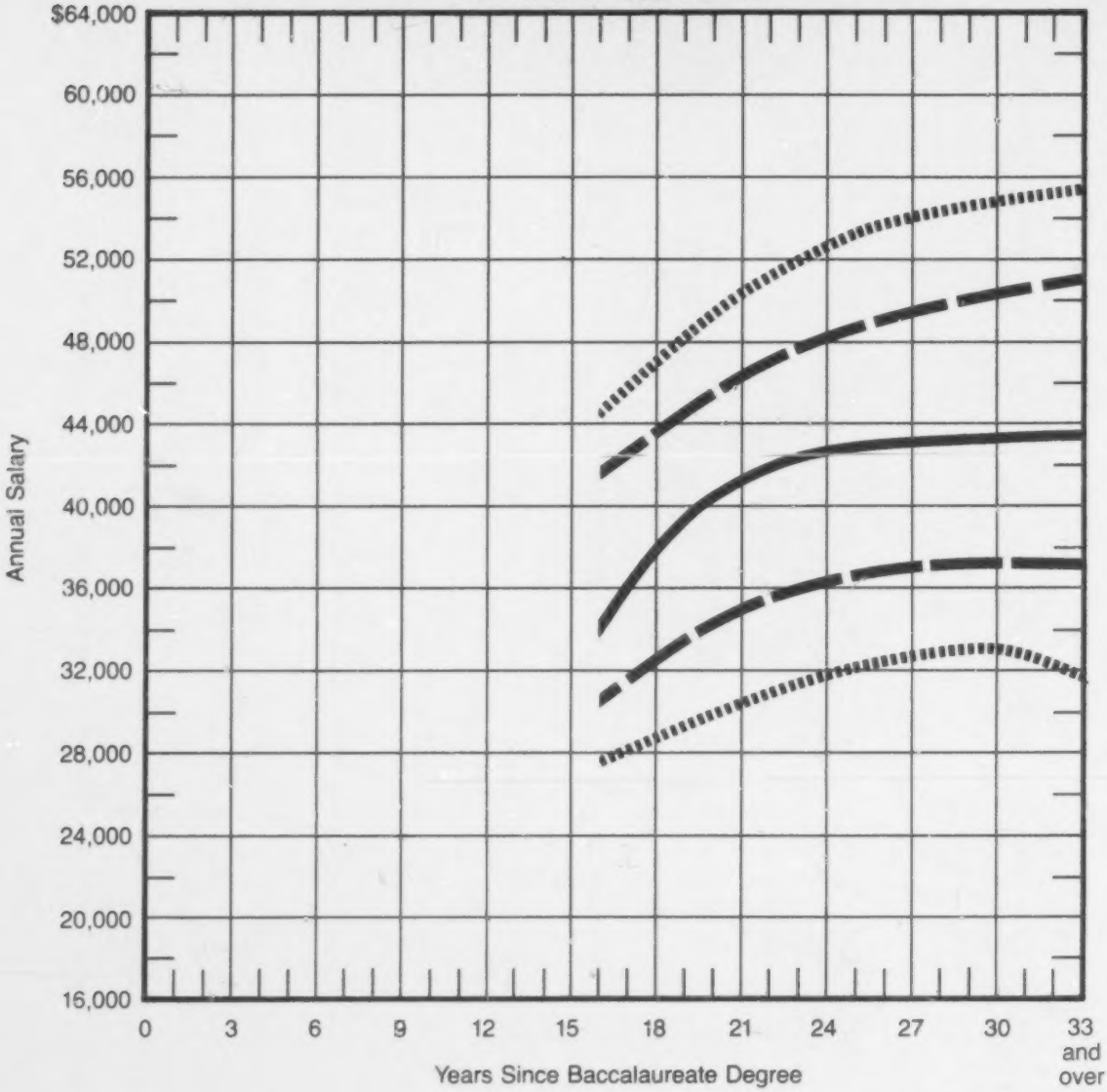
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	23700	24450	25250	26050	26900	27750	28600	29500	30450
UPPER QUARTILE	21400	22000	22650	23300	23950	24650	25300	26000	26750
MEDIAN	18300	18800	19300	19800	20350	20900	21400	21950	22550
LOWER QUARTILE	15700	16050	16400	16800	17150	17550	17950	18300	18700
LOWER DECILE	14950	15100	15300	15450	15600	15800	15950	16150	16300
MEAN	18900	19400	19900	20400	20950	21450	22000	22550	23100
TOTAL NUMBER	11	31	31	47	48	58	62	65	62
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	5	3	10	9	11	7	7	8

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	32300	35250	38200	41150	43850	46250	48200	49800	49850
UPPER QUARTILE	28200	30450	32700	34900	36900	38650	39950	40950	40250
MEDIAN	23700	25450	27200	28850	30450	31800	32850	33750	33500
LOWER QUARTILE	19500	20650	21750	22800	23700	24400	24950	25300	24850
LOWER DECILE	16650	17150	17650	18150	18650	19100	19550	20150	21000
MEAN	24250	26000	27750	29400	30950	32300	33350	34250	34100
TOTAL NUMBER	194	151	126	86	69	61	67	77	100
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	20	9	6	6	6	5	1	3	2

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ADMINISTRATORS, ALL ENGINEERING SCHOOLS
9-10 MONTH CONTRACTS



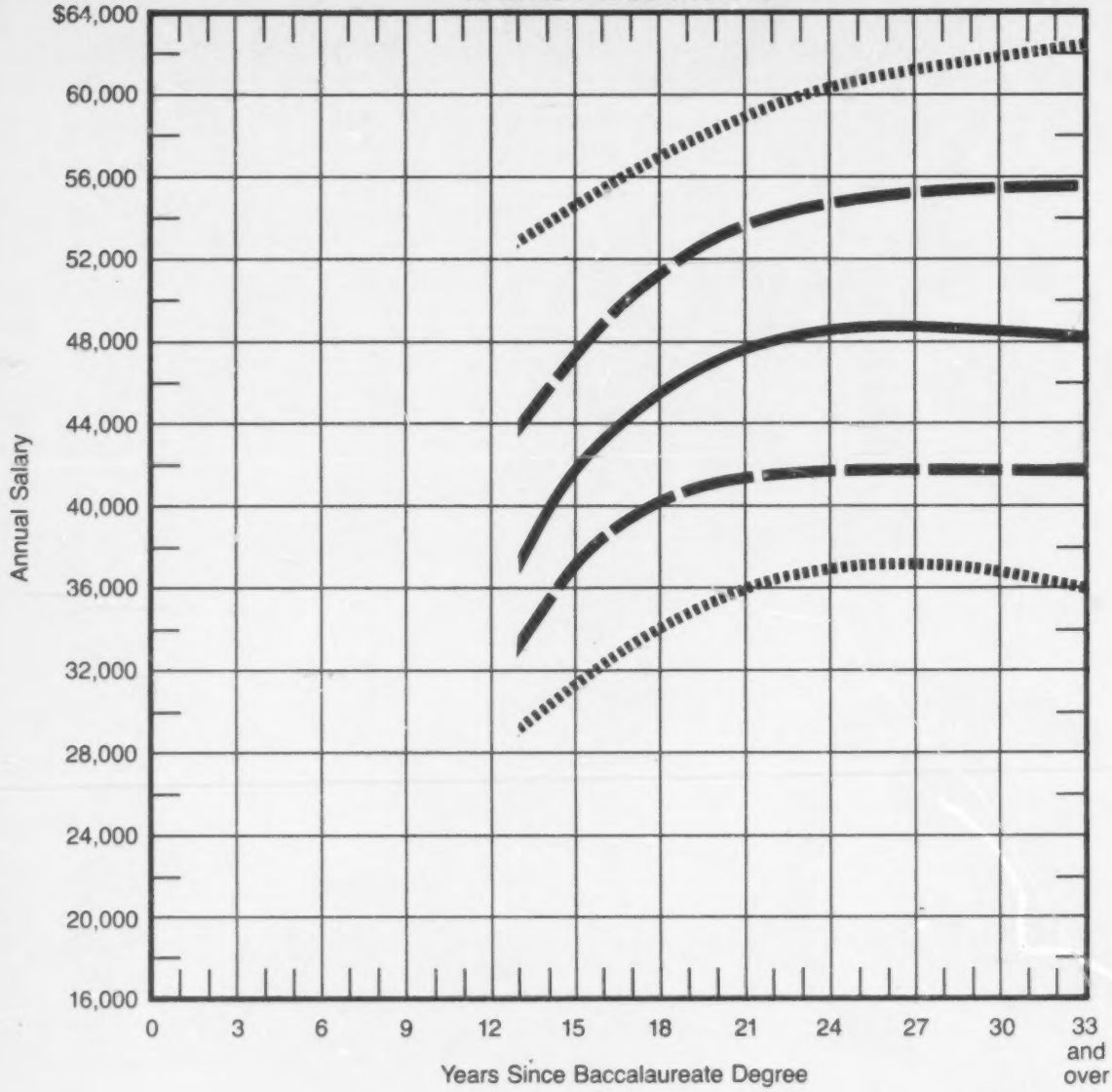
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	0	0	0	0	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	0	44250	48450	51350	53200	54300	55000	55350
UPPER QUARTILE	0	0	41350	44600	47000	48650	49700	50500	50950
MEDIAN	0	0	33850	39500	42050	43050	43400	43600	43600
LOWER QUARTILE	0	0	30250	33600	35600	36650	37050	37150	37100
LOWER DECILE	0	0	27550	29400	31000	32250	33000	33250	31300
MEAN	0	0	35200	38900	41300	42700	43450	43900	44100
TOTAL NUMBER	2	1	13	17	30	37	32	28	59
OVER $63000	0	0	0	0	0	0	0	0	2
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ADMINISTRATORS, ALL ENGINEERING SCHOOLS
11-12 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	1	1	1	1	1	1	2
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

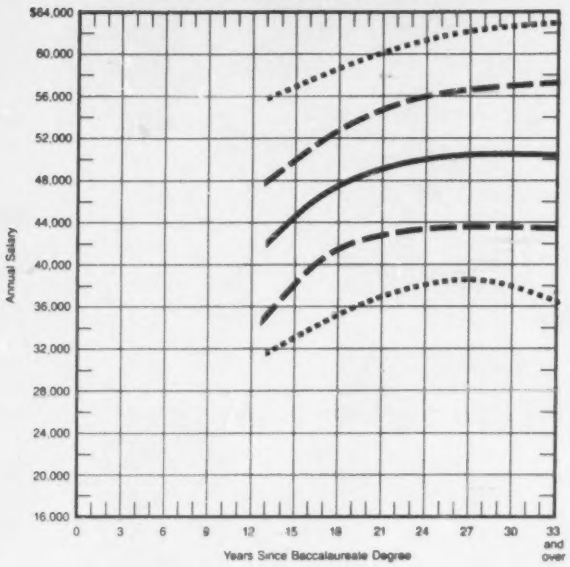
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	52550	55450	57700	59400	60550	61350	61950	62400
UPPER QUARTILE	0	43400	48850	52150	53950	54900	55350	55600	55650
MEDIAN	0	37100	43100	46450	47900	48350	48400	48300	48250
LOWER QUARTILE	0	32600	38600	40750	41500	41750	41800	41850	41850
LOWER DECILE	0	28900	32300	34800	36300	36900	36900	36450	35700
MEAN	0	38350	43850	46550	47800	48300	48550	48600	48650
TOTAL NUMBER	3	24	60	100	168	160	124	136	198
OVER $63000	0	0	1	3	8	11	7	8	24
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

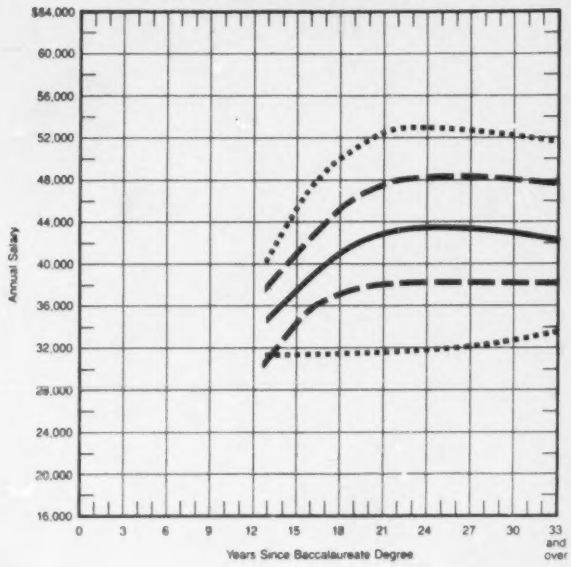
Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ADMINISTRATORS
11-12 MONTH CONTRACTS

Ph.D ENGINEERING SCHOOLS



NON-Ph.D ENGINEERING SCHOOLS



Ph.D SCHOOLS

YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	0	0	0	0	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	55500	57600	59300	60500	61400	62000	62500	62850
UPPER QUARTILE	0	47250	51100	53700	55350	56300	56850	57200	57350
MEDIAN	0	41600	45700	48150	49500	50100	50350	50500	50550
LOWER QUARTILE	0	34550	40000	42350	43200	43550	43650	43650	43650
LOWER DECILE	0	31350	34150	36300	37750	38400	38350	37650	35800
MEAN	0	41500	45600	47950	49250	49850	50150	50300	50350
TOTAL NUMBER	1	14	42	74	131	114	100	110	153
OVER $63000	0	0	1	2	8	10	7	8	24
UNDER $16000	0	0	0	0	0	0	0	0	0

NON-Ph.D SCHOOLS

YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	1	1	1	1	1	1	1	1	2
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

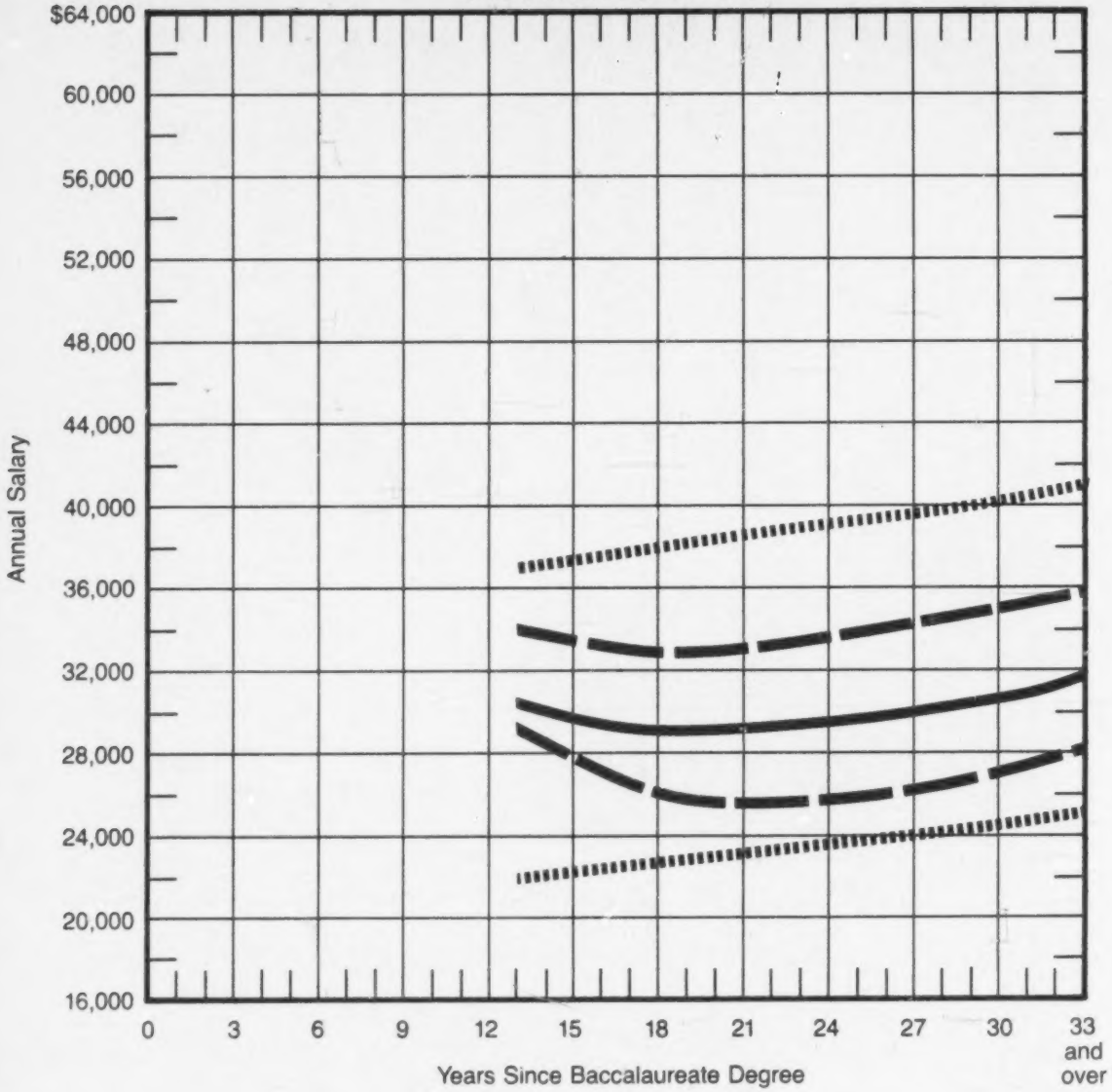
YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	39400	47500	51750	53050	52900	52400	51850	51550
UPPER QUARTILE	0	37150	43150	46550	48000	48250	48100	47800	47550
MEDIAN	0	34650	39300	42150	43400	43600	43350	42850	42400
LOWER QUARTILE	0	29600	36150	37600	37900	38000	38000	38000	38000
LOWER DECILE	0	31450	31400	31450	31550	31800	32100	32700	34250
MEAN	0	34000	39800	42500	43250	43150	42850	42600	42450
TOTAL NUMBER	2	10	18	26	37	46	24	26	45
OVER $63000	0	0	0	1	0	1	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

Upper Decile .....
Upper Quartile — — —
Median ▬▬▬
Lower Quartile — — —
Lower Decile .....

ENGINEERS EMPLOYED BY TECHNOLOGY SCHOOLS

PROFESSORS, TECHNOLOGY SCHOOLS
9-10 MONTH CONTRACTS



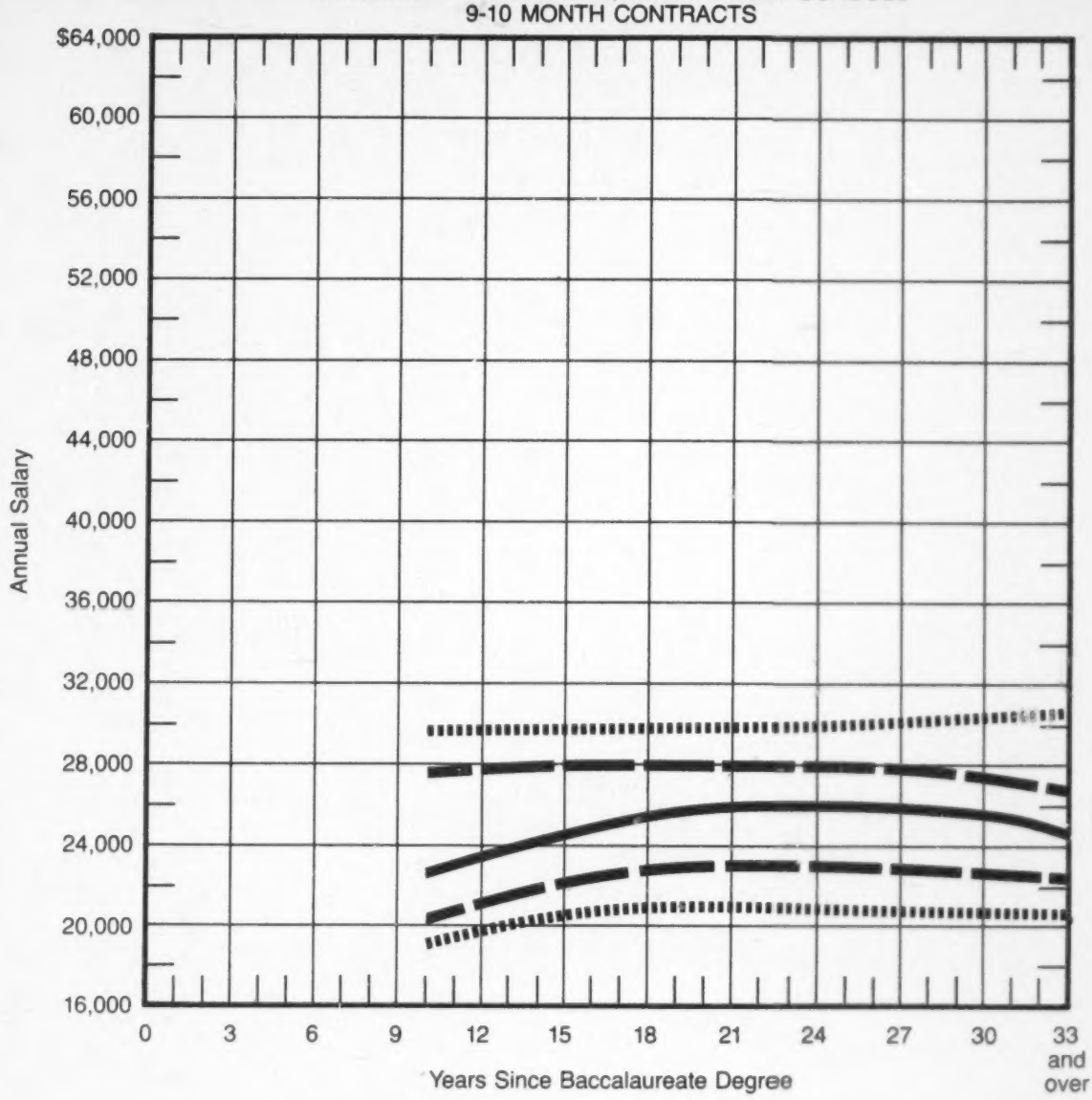
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	2	0	1	0	0	0	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	36950	37600	38200	38750	39300	39800	40450	41350
UPPER QUARTILE	0	34050	33100	32950	33200	33700	34300	35100	35900
MEDIAN	0	30200	29400	29150	29250	29600	30100	30800	31750
LOWER QUARTILE	0	29450	26900	25850	25600	25850	26400	27250	28400
LOWER DECILE	0	21850	22350	22850	23300	23700	24050	24500	25000
MEAN	0	29850	29800	29900	30150	30450	30850	31400	32250
TOTAL NUMBER	1	8	22	32	39	38	28	50	68
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ASSOCIATE PROFESSORS, TECHNOLOGY SCHOOLS
9-10 MONTH CONTRACTS



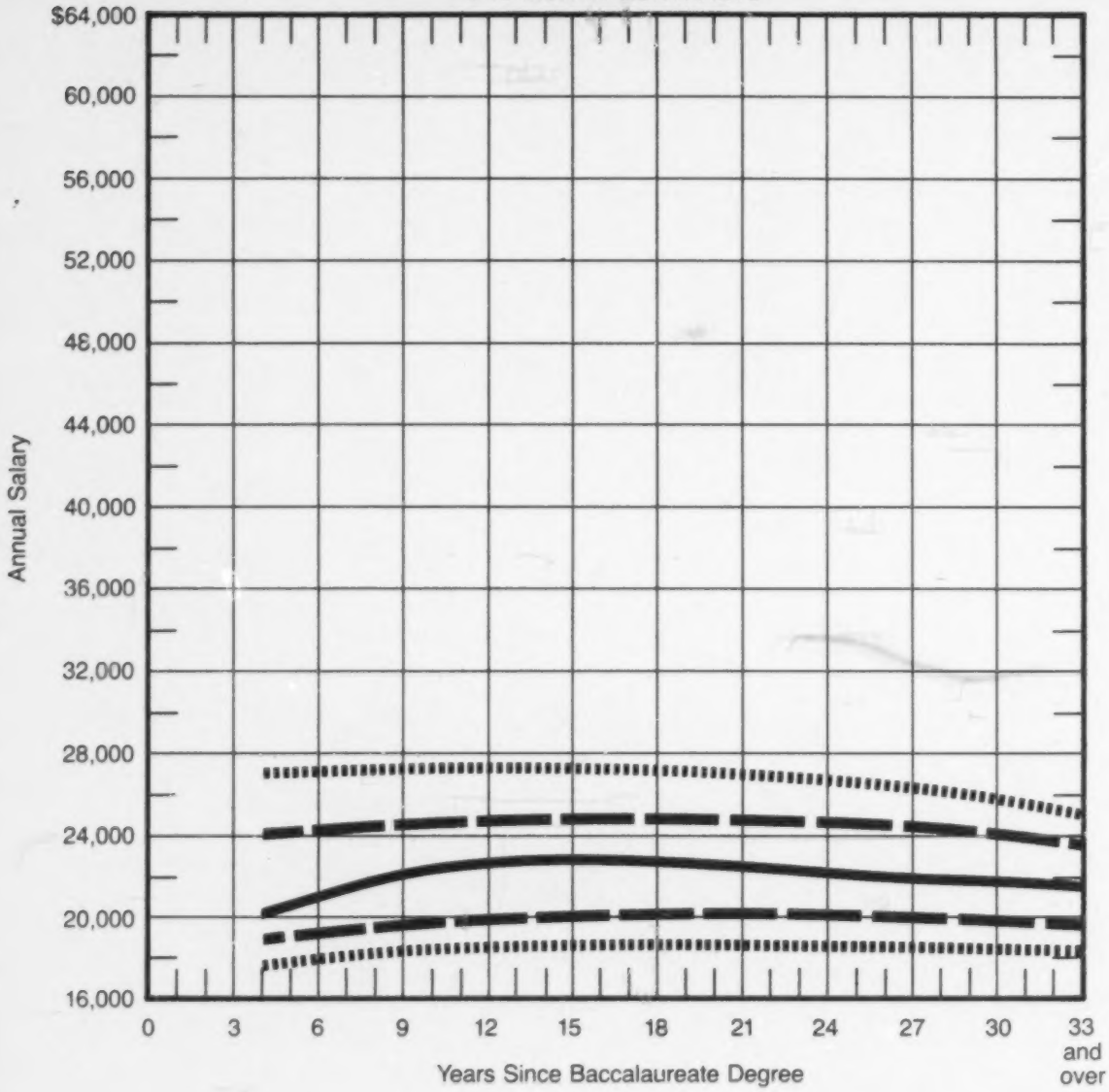
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	1	2	3	2	4
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	29700	29750	29800	29850	29950	30050	30200	30400	30850
UPPER QUARTILE	27550	27750	27900	28000	28000	27900	27750	27450	26600
MEDIAN	22700	24000	25000	25700	26000	26050	25900	25450	24550
LOWER QUARTILE	20200	21550	22450	23000	23200	23150	23050	22800	22500
LOWER DECILE	18800	20100	20700	20850	20850	20750	20650	20600	20550
MEAN	24250	24900	25350	25600	25700	25650	25550	25350	25000
TOTAL NUMBER	23	32	46	52	48	44	28	29	47
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

ASSISTANT PROFESSORS, TECHNOLOGY SCHOOLS
9-10 MONTH CONTRACTS



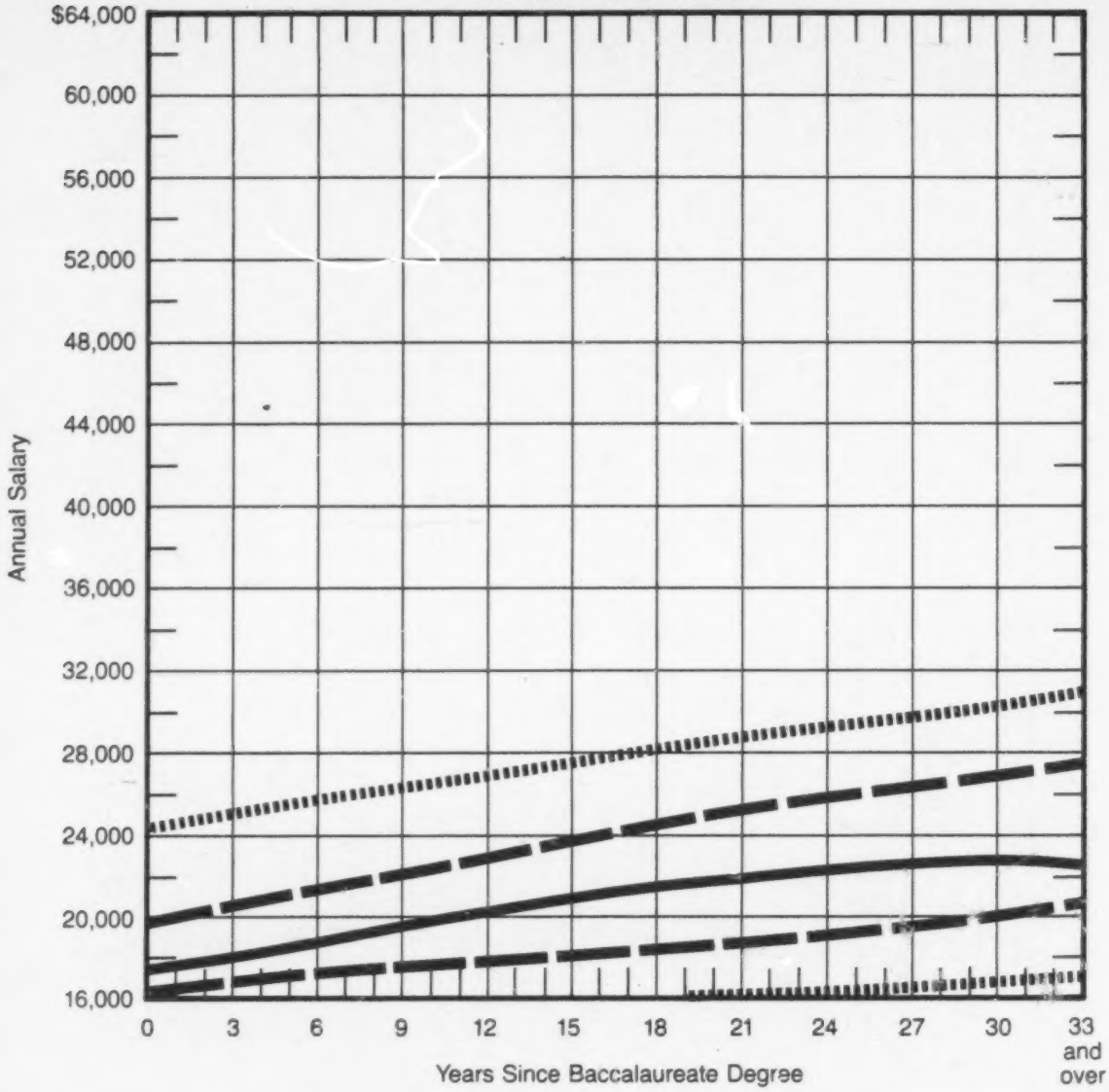
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	26950	27000	27050	27100	27150
UPPER QUARTILE	0	0	0	0	24100	24200	24300	24400	24450
MEDIAN	0	0	0	0	20000	20550	21000	21400	21750
LOWER QUARTILE	0	0	0	0	18950	19100	19250	19350	19500
LOWER DECILE	0	0	0	0	17350	17600	17800	18000	18150
MEAN	0	0	0	0	21200	21500	21750	21950	22150
TOTAL NUMBER	0	1	1	3	8	5	12	13	12
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	1	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	27150	27150	27100	26950	26750	26450	26150	25600	24500
UPPER QUARTILE	24600	24750	24800	24850	24750	24650	24450	24100	23250
MEDIAN	22250	22650	22700	22600	22400	22200	22000	21850	21700
LOWER QUARTILE	19700	19950	20100	20200	20200	20150	20050	19900	19500
LOWER DECILE	18350	18600	18650	18650	18600	18550	18500	18450	18400
MEAN	22500	22750	22850	22800	22650	22450	22200	21900	21600
TOTAL NUMBER	44	52	50	31	18	21	25	23	22
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	1	0	0

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

INSTRUCTORS, TECHNOLOGY SCHOOLS
9-10 MONTH CONTRACTS



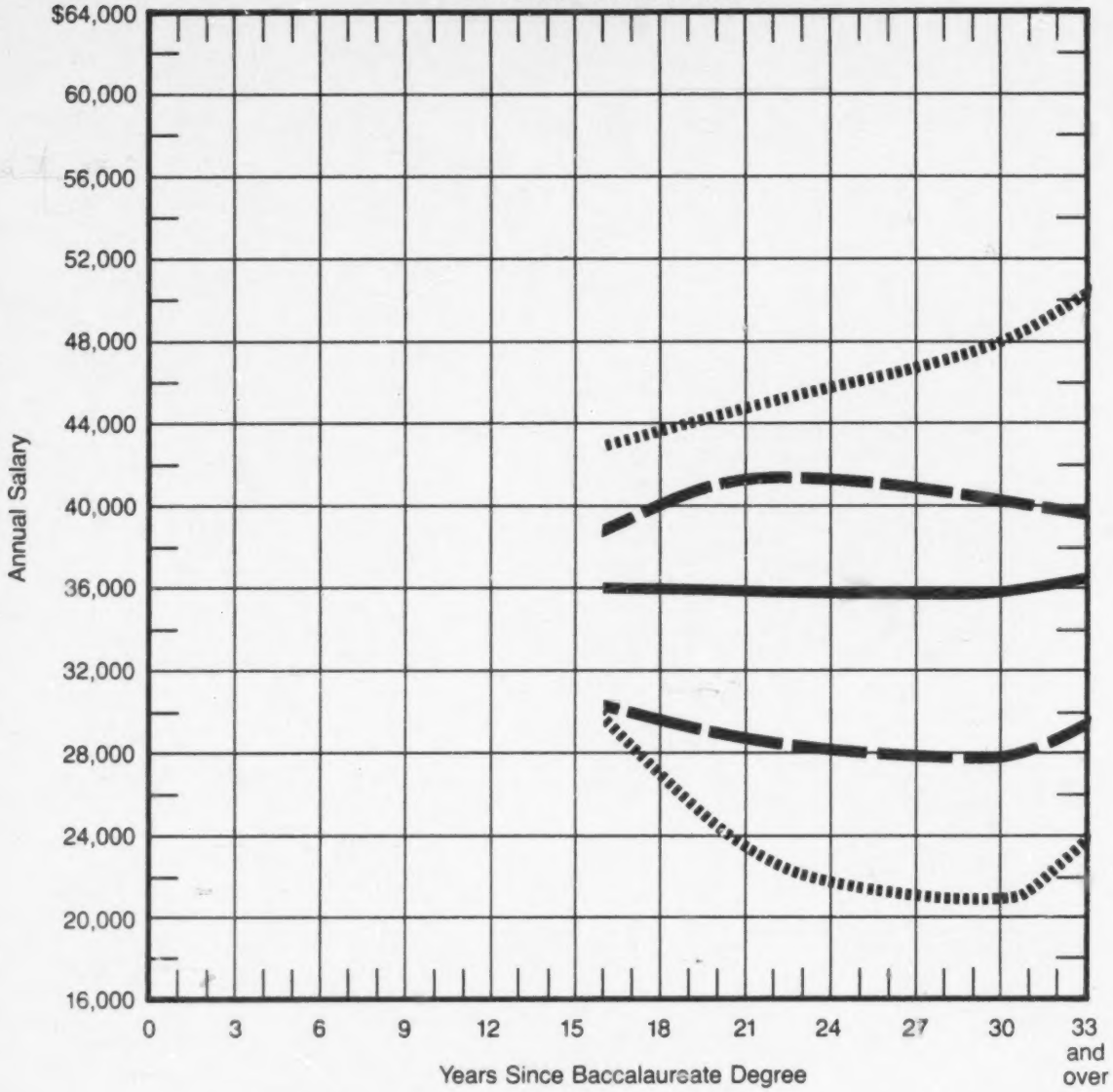
YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	24300	24550	24750	25000	25200	25450	0	25900	26100
UPPER QUARTILE	19700	20000	20250	20550	20850	21100	0	21650	21950
MEDIAN	17250	17550	17800	18050	18300	18600	0	19100	19350
LOWER QUARTILE	16250	16400	16500	16650	16750	16900	0	17150	17250
LOWER DECILE	15800	15750	15750	15750	15750	15750	0	15750	15750
MEAN	18600	18800	19000	19200	19350	19550	0	19950	20150
TOTAL NUMBER	7	5	10	9	5	7	4	9	11
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	1	1	3	3	0	1	1	1	1

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	26550	27150	27800	28400	28950	29450	29950	30550	31350
UPPER QUARTILE	22500	23300	24100	24800	25500	26100	26600	27150	27650
MEDIAN	19850	20550	21150	21700	22150	22500	22750	22850	22450
LOWER QUARTILE	17500	17900	18250	18650	19000	19350	19700	20150	20850
LOWER DECILE	15750	15850	15900	16050	16150	16300	16450	16650	17000
MEAN	20500	21050	21550	22000	22450	22800	23150	23500	23800
TOTAL NUMBER	31	36	29	25	27	17	22	32	32
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	3	5	5	2	3	2	3	1	1

LEGEND

Upper Decile
Upper Quartile
Median
Lower Quartile
Lower Decile

ADMINISTRATORS, TECHNOLOGY SCHOOLS
11-12 MONTH CONTRACTS



YEARS SINCE B.S.	0	1	2	3	4	5	6	7	8
UPPER DECILE	0	0	0	0	0	0	0	0	0
UPPER QUARTILE	0	0	0	0	0	0	0	0	0
MEDIAN	0	0	0	0	0	0	0	0	0
LOWER QUARTILE	0	0	0	0	0	0	0	0	0
LOWER DECILE	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0
TOTAL NUMBER	0	0	0	0	0	0	2	2	0
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	0	0

YEARS SINCE B.S.	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
UPPER DECILE	0	0	43050	44100	45150	46200	47300	48700	51200
UPPER QUARTILE	0	0	38450	40750	41300	41000	40550	40050	39700
MEDIAN	0	0	36000	35900	35800	35850	35900	36050	36550
LOWER QUARTILE	0	0	30750	29400	28500	27950	27750	27950	29750
LOWER DECILE	0	0	30100	25450	22800	21350	20750	20950	24850
MEAN	0	0	36000	35400	35000	34800	34800	35050	36400
TOTAL NUMBER	3	4	13	22	18	17	11	17	20
OVER $63000	0	0	0	0	0	0	0	0	0
UNDER $16000	0	0	0	0	0	0	0	1	0

LEGEND

- Upper Decile
- Upper Quartile
- Median
- Lower Quartile
- Lower Decile

APPENDIX

DO NOT DETACH THIS PAGE — SEE INSTRUCTIONS ON FORM

PROFESSIONAL INCOME OF ENGINEERS IN EDUCATION—1982

Please return this sheet with your filled-out data form. **Unidentified returns cannot be included in the survey.** Do not put your name and address on the form itself. When we have checked off receipt of your return and screened it for completeness, we will separate this address slip from the data form so that the confidentiality of your data will be assured.

If the mailing label affixed below is incorrect, incomplete, or missing, please indicate correct address:

1. Name of Reporting Organization: _____

Address: _____

City: _____ State: _____ Zip Code: _____

2. Name and title of person responsible for data: _____

Tel. No. ( ) _____

3. Please check type of institution:

- ☐ Engineering school, PhD granting.
- ☐ Engineering school, non-PhD granting.
- ☐ Technology school.
- ☐ Research unit.

RETURN ENTIRE DATA FORM BY **MARCH 15, 1982** TO:

ENGINEERING MANPOWER COMMISSION
345 East 47th Street, New York, New York 10017

AAES AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.
345 EAST 47th STREET • NEW YORK, NEW YORK 10017 • TELEPHONE 212-644-7840

MEMBER SOCIETIES
American Society of Civil Engineers
American Institute of Mining, Metallurgical & Petroleum Engineers, Inc.
The American Society of Mechanical Engineers
The Institute of Electrical & Electronics Engineers
American Society for Engineering Education
American Society of Heating, Refrigerating & Air-Conditioning Engineers, Inc.
American Society of Agricultural Engineers
American Institute of Chemical Engineers
American Society for Metals
National Council of Engineering Examiners
Society of Manufacturing Engineers
National Society of Professional Engineers
National Institute of Ceramic Engineers
Society of Allied Weight Engineers, Inc.
Society of Plastics Engineers, Inc.
American Society for Quality Control
Standards Engineering Society
American Institute of Industrial Engineers, Inc.
Society of Women Engineers
Society of Fire Protection Engineers
American Institute of Plant Engineers
American Nuclear Society
American Academy of Environmental Engineers
American Association of Cost Engineers
System Safety Society
Association of Energy Engineers
American Indian Science & Engineering Society
ASSOCIATE SOCIETIES
Air Pollution Control Association
American Congress on Surveying & Mapping
National Association of Corrosion Engineers
Federation of Materials Societies
REGIONAL SOCIETIES
Western Society of Engineers
The Cleveland Engineering Society
Engineering Society of Detroit
Washington Society of Engineers
Colorado Society of Engineers
Colorado Engineering Council
Engineering Societies of New England, Inc.

ENGINEERING MANPOWER COMMISSION

January, 1982

TO THE DEANS OF ENGINEERING AND TECHNOLOGY:

The Engineering Manpower Commission is conducting its annual survey of engineers' salaries. As a significant employer of engineering graduates in faculty, administrative and research positions, you are invited to participate in this year's survey. The rates submitted should be those in effect February 1, 1982. Salaries for those who graduated in the first quarter of 1981 should be combined with the 1980 graduates.

Your reply is requested to reach this office by March 1, 1982. We regret that any data received later than March 15, 1982 cannot by included in the results. Participants in the survey will be sent a complimentary set of the curves for their specific employment group.

You are probably already familiar with our survey and the salary curves we publish from it. Salary data are reported in a form directly useable by most salary administrators. Median salaries are reported on the basis of experience broken down by such variables as academic rank and degree level. The engineering salary survey has been conducted in its present form biennially since 1953, thereby providing salary trend continuity over a period of more than twenty-five years.

The engineering salary survey is conducted by the Engineering Manpower Commission of the American Association of Engineering Societies. Since AAES is a public service organization, broadly representative of the engineering profession, our reports are recognized as authoritative and impartial. In addition, we provide complete assurance of the confidentiality of the data submitted to us.

This year's data form is similar to that of previous years. Please follow closely the instructions on the form and return all parts to us. If you need additional forms, we will be glad to provide them.

We hope you will join our other survey participants in helping to make this survey a success.

PROFESSIONAL INCOME OF ENGINEERS—1982

PRESENT SALARY OF ENGINEERING GRADUATES EMPLOYED IN EDUCATIONAL INSTITUTIONS BY ACADEMIC RANK

This form gives the distribution of employed engineering graduates as a function of academic rank, salary bracket, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row. Note that some brackets include a wider salary range than others. Separate sections of the form are set aside for various academic ranks, on both sides of the form. Individuals are to be reported in the section corresponding to their rank, but within each section they are to be reported in the column for their year of graduation with bachelor's degree, to give a common basis for comparison. If year of graduation cannot be given, report by age (average 1981 graduate is 23, etc.)

SALARY — should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, outside consulting, etc. **Please indicate number of months included in the normal contract for each rank,** in the space at the top of each section of the form. **Do not report part-time employees, graduate students, adjunct faculty, etc.**

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																
	ASSISTANT PROFESSOR Months on normal contract ☐	1981 (23)	1980 (24)	1979 (25)	1978 (26)	1977 (27)	1976 (28)	1975 (29)	1974 (30)	1973 (31)	1970-1972 (32-34)	1967-1969 (35-37)	1964-1966 (38-40)	1961-1963 (41-43)	1958-1960 (44-46)	1955-1957 (47-49)	1952-1954 (50-52)	1949-1951 (53-57)	UP TO 1948 (58-)
101	$63,000 & over																		
102	$58,000-62,999																		
103	$53,000-57,999																		
104	$48,000-52,999																		
105	$45,000-47,999																		
106	$42,000-44,999																		
107	$39,000-41,999																		
108	$36,000-38,999																		
109	$33,000-35,999																		
110	$32,000-32,999																		
111	$31,000-31,999																		
112	$30,000-30,999																		
113	$29,000-29,999																		
114	$28,000-28,999																		
115	$27,000-27,999																		
116	$26,000-26,999																		
117	$25,000-25,999																		
118	$24,000-24,999																		
119	$23,000-23,999																		
120	$22,000-22,999																		
121	$21,000-21,999																		
122	$20,000-20,999																		
123	$19,000-19,999																		
124	$18,000-18,999																		
125	$17,000-17,999																		
126	$16,000-16,999																		
127	Less than $16,000																		

$3,000 intervals $1,000 intervals

ASSOCIATE PROFESSOR. Months on normal contract ☐

201	$63,000 & over																		
202	$58,000-62,999																		
203	$53,000-57,999																		
204	$48,000-52,999																		
205	$45,000-47,999																		
206	$42,000-44,999																		
207	$39,000-41,999																		
208	$36,000-38,999																		
209	$33,000-35,999																		
210	$32,000-32,999																		
211	$31,000-31,999																		
212	$30,000-30,999																		
213	$29,000-29,999																		
214	$28,000-28,999																		
215	$27,000-27,999																		
216	$26,000-26,999																		
217	$25,000-25,999																		
218	$24,000-24,999																		
219	$23,000-23,999																		
220	$22,000-22,999																		
221	$21,000-21,999																		
222	$20,000-20,999																		
223	$19,000-19,999																		
224	$18,000-18,999																		
225	$17,000-17,999																		
226	$16,000-16,999																		
227	Less than $16,000																		

$1,000 intervals

PROFESSOR. Months on normal contract ☐

301	$63,000 & over																		
302	$58,000-62,999																		
303	$53,000-57,999																		
304	$48,000-52,999																		
305	$45,000-47,999																		
306	$42,000-44,999																		
307	$39,000-41,999																		
308	$36,000-38,999																		
309	$33,000-35,999																		
310	$32,000-32,999																		
311	$31,000-31,999																		
312	$30,000-30,999																		
313	$29,000-29,999																		
314	$28,000-28,999																		
315	$27,000-27,999																		
316	$26,000-26,999																		
317	$25,000-25,999																		
318	$24,000-24,999																		
319	$23,000-23,999																		
320	$22,000-22,999																		
321	$21,000-21,999																		
322	$20,000-20,999																		
323	$19,000-19,999																		
324	$18,000-18,999																		
325	$17,000-17,999																		
326	$16,000-16,999																		
327	Less than $16,000																		

$3,000 intervals $1,000 intervals

NOTE: Please use extra caution in filling in shaded areas.

SEE OTHER SIDE FOR ADDITIONAL POSITIONS

Continued

This side includes sections for the following additional ranks: Instructors (full-time only), Administrative Faculty, and Research & Other Non-teaching Positions. Refer to other side for instructions on filling out this form. **Do not include part-time employees, graduate students, adjunct faculty, etc. PLEASE DO NOT NEGLECT TO INDICATE NUMBER OF MONTHS IN THE NORMAL CONTRACT FOR EACH ACADEMIC RANK.**

INSTRUCTOR, LECTURER, ETC. Months contract ☐

	ANNUAL SALARY	1981 (23)	1980 (24)	1979 (25)	1978 (26)	1977 (27)	1976 (28)	1975 (29)	1974 (30)	1973 (31)	1970-1972 (32-34)	1967-1969 (35-37)	1964-1966 (38-40)	1961-1963 (41-43)	1958-1960 (44-46)	1955-1957 (47-49)	1952-1954 (50-52)	1949-1951 (53-57)	UP TO 1948 (58+)	
101	$63,000 & over																			101
102	$58,000-62,999																			102
103	$53,000-57,999																			103
104	$48,000-52,999																			104
105	$45,000-47,999																			105
106	$42,000-44,999																			106
107	$39,000-41,999																			107
108	$36,000-38,999																			108
109	$33,000-35,999																			109
110	$32,000-32,999																			110
111	$31,000-31,999																			111
112	$30,000-30,999																			112
113	$29,000-29,999																			113
114	$28,000-28,999																			114
115	$27,000-27,999																			115
116	$26,000-26,999																			116
117	$25,000-25,999																			117
118	$24,000-24,999																			118
119	$23,000-23,999																			119
120	$22,000-22,999																			120
121	$21,000-21,999																			121
122	$20,000-20,999																			122
123	$19,000-19,999																			123
124	$18,000-18,999																			124
125	$17,000-17,999																			125
126	$16,000-16,999																			126
127	Less than $16,000																			127

ADMINISTRATIVE FACULTY (DEANS, DEPARTMENT HEADS, ETC.) Months on contract ☐

201	$63,000 & over																			201
202	$58,000-62,999																			202
203	$53,000-57,999																			203
204	$48,000-52,999																			204
205	$45,000-47,999																			205
206	$42,000-44,999																			206
207	$39,000-41,999																			207
208	$36,000-38,999																			208
209	$33,000-35,999																			209
210	$32,000-32,999																			210
211	$31,000-31,999																			211
212	$30,000-30,999																			212
213	$29,000-29,999																			213
214	$28,000-28,999																			214
215	$27,000-27,999																			215
216	$26,000-26,999																			216
217	$25,000-25,999																			217
218	$24,000-24,999																			218
219	$23,000-23,999																			219
220	$22,000-22,999																			220
221	$21,000-21,999																			221
222	$20,000-20,999																			222
223	$19,000-19,999																			223
224	$18,000-18,999																			224
225	$17,000-17,999																			225
226	$16,000-16,999																			226
227	Less than $16,000																			227

RESEARCH & OTHER NON-TEACHING POSITIONS. Months on contract ☐

301	$63,000 & over																			301
302	$58,000-62,999																			302
303	$53,000-57,999																			303
304	$48,000-52,999																			304
305	$45,000-47,999																			305
306	$42,000-44,999																			306
307	$39,000-41,999																			307
308	$36,000-38,999																			308
309	$33,000-35,999																			309
310	$32,000-32,999																			310
311	$31,000-31,999																			311
312	$30,000-30,999																			312
313	$29,000-29,999																			313
314	$28,000-28,999																			314
315	$27,000-27,999																			315
316	$26,000-26,999																			316
317	$25,000-25,999																			317
318	$24,000-24,999																			318
319	$23,000-23,999																			319
320	$22,000-22,999																			320
321	$21,000-21,999																			321
322	$20,000-20,999																			322
323	$19,000-19,999																			323
324	$18,000-18,999																			324
325	$17,000-17,999																			325
326	$16,000-16,999																			326
327	Less than $16,000																			327

NOTE: Please use extra caution in filling in shaded areas.

SEE OTHER SIDE FOR ADDITIONAL POSITIONS

AAES

MEMBER SOCIETIES

American Society of Civil Engineers	1852
American Institute of Mining, Metallurgical and Petroleum Engineers, Inc.	1871
The American Society of Mechanical Engineers	1880
The Institute of Electrical & Electronics Engineers	1884
American Society for Engineering Education	1893
American Society of Heating, Refrigerating & Air-Conditioning Engineers, Inc.	1894
American Society of Agricultural Engineers	1907
American Institute of Chemical Engineers	1908
American Society for Metals	1913
National Council of Engineering Examiners	1920
Society of Manufacturing Engineers	1932
American Institute of Aeronautics and Astronautics	1932
National Society of Professional Engineers	1934
National Institute of Ceramic Engineers	1938
Society of Allied Weight Engineers, Inc.	1939
Society of Plastics Engineers, Inc.	1941
American Society for Quality Control	1946
Standards Engineering Society	1947
American Institute of Industrial Engineers, Inc.	1948
Society of Women Engineers	1950
Society of Fire Protection Engineers	1950
American Institute of Plant Engineers	1954
American Nuclear Society	1954
American Academy of Environmental Engineers	1955
American Association of Cost Engineers	1956
System Safety Society	1962
Association of Energy Engineers	1977
American Indian Science & Engineering Society	1977

ASSOCIATE SOCIETIES

The Tau Beta Pi Association, Inc.	1885
Air Pollution Control Association	1907
American Council of Independent Laboratories, Inc.	1937
American Congress on Surveying & Mapping	1941
National Association of Corrosion Engineers	1945
Federation of Materials Societies	1972
National Action Council for Minorities in Engineering, Inc.	1980

REGIONAL SOCIETIES

Western Society of Engineers	1869
The Cleveland Engineering Society	1880
Engineering Society of Detroit	1895
Washington Society of Engineers	1905
Colorado Society of Engineers	1916
Colorado Engineering Council	1919
Engineering Societies of New England, Inc.	1923
Quad-Cities Engineering and Science Council	1969

307A-82

AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.
345 East 47th Street
New York, New York 10017
(212) 705-7840